NTIS/ANNI-85

NTIS ORDER/REPORT NUMBER F–Z

# GOVERNMENT REPORTS ANNUAL INDEX

1985

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# ANNUAL INDEX—1985

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Section 1. Keyword Index (A – L)
Section 2. Keyword Index (M – Z)
Section 3. Personal Author Index
Section 4. Corporate Author Index
Section 5. Contract/Grant Number Index
NTIS Order/Report Number
Index 1 – E
Section 6. NTIS Order/Report Number
Index F – Z

U.S. DEPARTMENT OF COMMERCE
Malcolm Baldrige, Secretary
NATIONAL TECHNICAL INFORMATION SERVICE
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# GOVERNMENT REPORTS ANNUAL INDEX
# 1985

VOLUME 85, NUMBERS 1-26 JANUARY-DECEMBER 1985

## CONTENTS

About NTIS ........................................................ iv
NTIS Price Codes ........................................................ v
NTIS Order/Report Number Index........................................................ F-Z

Bibliographic citations and abstracts for documents referred to in this index are published in the biweekly Government Reports Announcements & Index, Volume 85, Numbers 1 thru 26. Annual subscription rates as of January 1, 1986 for the Government Reports Announcements & Index are:

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Starting with issue 8401 of the GRA&I Journal, page number references were dropped from report citations and replaced with six-digit *abstract numbers*. Abstract numbers run consecutively from the first issue each year to the last. The number assigned to the first citation announced in 1985 was 500,001 with the 5 representing the year.

The Annual Index also carries the abstract number in place of a page number reference. This year's Index drops the year (volume) reference to make room for the issue and abstract number. The year (volume) appears in the heading on each page of the Index.

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The Secretary of Commerce has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this department. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through August 1, 1986.

# NTIS ORDER/REPORT NUMBER INDEX

Entries in this index list the NTIS order number, the performing organization report number, and the sponsoring organization report number, each in its own alphanumeric position. Although reports may be ordered using only the performing organization report number or the sponsoring organization report number, please use the NTIS order number to order items available from NTIS to ensure faster service. It is best to check the full bibliographic citation in the Reports Announcements section before ordering. Entries are arranged alphanumerically.

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## SAMPLE ENTRY

| | |
|---|---|
| **Performing organization report number(s)** | **UCB/EERC-84/11** |
| Title | EAGD-84: A Computer Program for Earthquake Analysis of Concrete Gravity Dams, |
| Order number Issue-Abstract number Price codes | PB85-193613/GAR **17**-*538,662* PC **A05**/MF **A01** |
| **NTIS order number** | **PB85-193613/GAR** |
| Title | EAGD-84: A Computer Program for Earthquake Analysis of Concrete Gravity Dams, |
| Order number Issue-Abstract number Price codes | PB85-193613/GAR **17**-*538,662* PC **A05**/MF **A01** |
| **Sponsoring organization report number(s)** | **NSF/CEE-84022** |
| Title | EAGD-84: A Computer Program for Earthquake Analysis of Concrete Gravity Dams, |
| Order number Issue-Abstract number Price codes | PB85-193613/GAR **17**-*538,662* PC **A05**/MF **A01** |

**F + W-FO-1699**
6-Komponenten-Dms-Blockwaage 167-6B. 1. Eichung/September 1983 (Six-Component Strain Gage Block Scale 167-6B. Part 1: Calibration, September 1983).
N85-16143/8 **10**-*522,488* PC **A04**/MF **A01**

**F80-10**
Shuttle-Tethered Satellite System Definition Study Extension.
N85-27923/0 **20**-*547,171* PC **A13**/MF **A01**

**F85-227**
Analysis of Spacecraft Data.
N85-32789/8 **24**-*557,213* PC **A02**/MF **A01**

**F85-229**
Analysis of Spacecraft Data.
N85-32790/6 **24**-*555,538* PC **A02**/MF **A01**

**F-8324**
Report on Electrocutions, Electric Shock and Electric Burn Injuries Involving Consumer Products. Final Report.
PB85-180396 **13**-*528,485* PC **A11**/MF **A01**

**F-8324-APP**
Report on Electrocutions, Electric Shock and Electric Burn Injuries Involving Consumer Products. Appendices.
PB85-180404 **13**-*528,486* PC **A18**/MF **A01**

**F-82002**
Remote Handling Needs of the Princeton Plasma Physics Laboratory.
DE85701585 **24**-*556,277* PC **A04**/MF **A01**

**F-82003**
Tritium Monitoring Requirements of Fusion and the Status of Research.
DE85701659 **25**-*558,932* PC **A05**/MF **A01**

**F-82004**
Recommended Program of Tritium Monitoring Research and Development.
DE85701660 **25**-*558,933* PC **A02**/MF **A01**

**F-82005**
Review of Tritium Licensing Requirements.
DE85701682 **25**-*558,955* PC **A02**/MF **A01**

**F-82007**
Status Report on Potential Future Nuclear Energy Cycles in the Period 1982-2020.
DE85701680 **25**-*559,050* PC **A04**/MF **A01**

**F-83015**
Tritium-Surface Interactions. A Study to Define Current Understanding and Areas for Future R beta D.
DE85701579 **24**-*556,272* PC **A10**/MF **A01**

**FA-AF-14385**
Optical/Infrared Properties of Atmospheric Aerosols with an In-Situ, Multi-Wavelength, Multichannel Nephelometer System.
AD-A158 825/0 **25**-*557,296* PC **A04**/MF **A01**

**FAA-AM-84-2**
Selection of Air Traffic Controllers,
AD-A147 765/2 **04**-*508,243* PC **A99**/MF **A01**

**FAA-AM-84-3**
Blood Pressure Levels of Active Pilots Compared with Those of Air Traffic Controllers,
AD-A146 645/7 **01**-*500,641* PC **A02**/MF **A01**

**FAA/AM-84-4**
Aviation-Related Cardiorespiratory Effects of Blood Donation in Female Pilots,
AD-A148 045/8 **04**-*508,496* PC **A03**/MF **A01**

**FAA-AM-84-5**
Tolerance Endpoint for Evaluating the Effects of Heat Stress in Dogs,
AD-A148 104/3 **04**-*508,663* PC **A02**/MF **A01**

**FAA-AM-84-6**
Studies of Poststrike Air Traffic Control Specialist Trainees. I. Age, Biographic Factors, and Selection Test Performance Related to Academy Training Success,
AD-A147 892/4 **04**-*508,247* PC **A02**/MF **A01**

**FAA-AM-84-7**
Efforts to Improve Aviation Medical Examiner Performance through Continuing Medical Education and Annual Performance Reports,
AD-A148 078/9 **04**-*508,499* PC **A02**/MF **A01**

**FAA-AM-84-8**

Health Examination Findings among Active Civil Airmen,
AD-A148 325/4 **05**-*511,013* PC **A02**/MF **A01**

**FAA-AM-84-9**

Medically Disqualified Airline Pilots,
AD-A149 454/1 **08**-*516,273* PC **A02**/MF **A01**

**FAA-AM-85-1**

Federal Aviation Regulations. part 135. Cabin Safety Subject Index,
AD-A156 946/6 **22**-*549,300* PC **A02**/MF **A01**

**FAA-AM-85-2**

Physiological Responses to Unvarying (Steady) and 2-2-1 Shifts: Miami International Flight Service Station,
AD-A155 751/1 **21**-*547,411* PC **A03**/MF **A01**

**FAA-AM-85-3**

Effects of Age, Sleep Deprivation, and Altitude on Complex Performance,
AD-A156 987/0 **22**-*549,943* PC **A02**/MF **A01**

**FAA-AM-85-4**

Inhalation Toxicology. 4. Times to Incapacitation and Death for Rats Exposed Continuously to Atmospheric Hydrogen Chloride Gas,
AD-A157 400/3 **23**-*552,419* PC **A02**/MF **A01**

**FAA-AMS-220**

FAA (Federal Aviation Administration) Air Traffic Activity, Fiscal Year 1980,
AD-A156 521/7 **21**-*547,224* PC **A11**/MF **A01**

**FAA-APO-85-1**

Analysis of the Impacts of the Airport Radar Service Area (ARSA),
AD-A150 954/6 **11**-*524,924* PC **A03**/MF **A01**

**FAA-APO-85-2**

FAA (Federal Aviation Administration) Aviation Forecasts - Fiscal Years 1985-1996.
AD-A151 050/2 **11**-*523,257* PC **A06**/MF **A01**

**FAA-APO-85-4**

Avionics Data Base.
AD-A152 415/6 **14**-*530,785* PC **A12**/MF **A01**

**FAA-APO-85-5**

Avionics Data Base Users Manual.
AD-A153 810/7 **16**-*535,318* PC **A06**/MF **A01**

**FAA-APO-85-7**

Statistical Sampling of Aircraft Operations at Non-Towered Airports,
AD-A157 095/1 **23**-*551,938* PC **A03**/MF **A01**

**FAA-ARP-11**

Report of Accomplishments under the Airport Improvement Program.
AD-A156 834/4 **22**-*549,322* PC **A06**/MF **A01**

**FAA-ARP-85-1**

Report of Accomplishments under the Airport Improvement Program.
AD-A156 834/4 **22**-*549,322* PC **A06**/MF **A01**

**FAA-ASF-81-5**

DOT/FAA Human Factors Workshop on Aviation (3th). Transcript Held at Cambridge, Massachusetts on 18-19 March 1981.
AD-A148 816/2 **06**-*512,661* PC **A09**/MF **A01**

**FAA-ASF-81-7**

DOT/FAA Human Factors Workshop on Aviation (5th). Transcript Held at Oklahoma City, Oklahoma on 7-8 July 1981.
AD-A148 817/0 **06**-*512,662* PC **A15**/MF **A01**

**FAA-ASF-81-8**

Human Factors Workshop on Aviation (6th) Transcript Held at Oklahoma City, Oklahoma on 7-9 July 1981.
AD-A150 043/8 **09**-*518,536* PC **A11**/MF **A01**

**FAA-ASF-81-9**

Human Factors Workshop on Aviation (4th) Transcript Held at Atlantic City, New Jersey on 13-15 May 1981.
AD-A150 459/6 **10**-*521,260* PC **A09**/MF **A01**

**FAA-DL5-84-2**

Analysis of Runway Occupancy Time and Separation Data Collected at La Guardia, Boston, and Newark Airports,
AD-A154 130/9 **17**-*537,037* PC **A04**/MF **A01**

**FAA-DL5-85-1**

FAA (Federal Aviation Administration) Requirements for Model to Support Capacity, Delay, Noise and Energy Programs,
AD-A155 815/4 **21**-*548,804* PC **A04**/MF **A01**

**FAA-ED-18-7-REV**

Engineering and Development Program Plan, Aircraft Cabin Fire Safety. Revised.
AD-A157 065/4 **23**-*551,901* PC **A04**/MF **A01**

**FAA/EE-84-3**

Noise Measurement Flight Test: Data/Analyses, Hughes 500 D/E Helicopter,
AD-A148 110/0 **04**-*507,908* PC **A05**/MF **A01**

**FAA/EE-84-05**

Noise Measurement Flight Test: Data/Analyses Aerospatiale AS 350D AStar Helicopter,
AD-A148 496/3 **05**-*510,598* PC **A08**/MF **A01**

**FAA/EE-84-6**

Noise Measurement Flight Test: Data/Analyses, Sikorsky S-76A Helicopter,
AD-A148 525/9 **05**-*510,599* PC **A09**/MF **A01**

**FAA/EE-84-7**

Noise Measurement Flight Test for Boeing Vertol 234/CH 47-D Helicopter: Data/Analyses,
AD-A148 172/0 **04**-*507,909* PC **A09**/MF **A01**

Noise Measurement Flight Test for Boeing Vertol 234/CH 47-D Helicopter: Data/Analyses,
PB85-123693 **04**-*507,928* PC **A05**/MF **A01**

**FAA/EE-84-11**

Two-Dimensional Description of Potential Perturbations to the Ozone Layer Due to NOx and H2O Aircraft Emissions,
AD-A146 292/8 **01**-*500,172* PC **A06**/MF **A01**

**FAA-EE-84-12**

Area Equivalent Method on LOTUS 1-2-3TM.
AD-A145 933/8 **01**-*500,057* PC **A03**/MF **A01**

**FAA/EE-84-13**

Impact of Aircraft Emissions on Air Quality in the Vicinity of Airports. Volume 3. Air Quality and Emission Modeling Needs.
AD-A147 951/8 **04**-*509,599* PC **A06**/MF **A01**

**FAA/EE-84-14**

Impact of Aircraft Emissions on Air Quality in the Vicinity of Airports. Volume 4. Nitrogen Dioxide and Hydrocarbons.
AD-A148 253/8 **05**-*511,812* PC **A08**/MF **A01**

**FAA/EE-84-15**

Helicopter Noise Survey Performed at Las Vegas, Nevada, January 19-21, 1984,
AD-A147 392/5 **03**-*505,287* PC **A03**/MF **A01**

**FAA-EE-85-1**

FAA/GAMA (Federal Aviation Administration/General Aviation Manufacturer's Association) Propeller Aircraft Noise Test Program, Salina Municipal Airport, Salina, Kansas.
AD-A154 818/9 **18**-*541,640* PC **A03**/MF **A01**

**FAA-EE-85-2**

Aviation Noise Effects,
AD-A154 319/8 **17**-*537,040* PC **A06**/MF **A01**

**FAA/EE-85-3**

Helicopter Noise Survey for Selected Cities in the Contiguous United States,
AD-A154 893/2 **18**-*541,642* PC **A14**/MF **A01**

**FAA-MS-84-5**

General Aviation Activity and Avionics Survey.
AD-A149 572/0 **09**-*518,333* PC **A11**/MF **A01**

**FAA-NA-80-159-REV**

Engineering and Development Program Plan, Aircraft Cabin Fire Safety. Revised.
AD-A157 065/4 **23**-*551,901* PC **A04**/MF **A01**

**FAA-RD-79-21-VOL-3-PT1**

MLS (Microwave Landing System) Multipath Studies, Phase 3. Volume 3. Application of Models to MLS Assessment Issues. Part 1. Chapters 1 through 4.
AD-A148 268/6 **05**-*512,179* PC **A13**/MF **A01**

**FAA-RD-79-21-VOL-3-PT2**

MLS Multipath Studies. Phase 3. Volume 3. Application of Models to MLS Assessment Issues. Part 2.
AD-A148 524/2 **05**-*512,183* PC **A14**/MF **A01**

**FAA-RD-83/26**

Experimental GPS (Global Positioning System) Navigation Receiver for General Aviation: Design and Measured Performance.
AD-A147 348/7 **03**-*506,908* PC **A12**/MF **A01**

**FAD-726/85**

Department of Defense Congressional Action on FY 1985 Authorization Request.
AD-A147 689/4 **04**-*508,101* PC **A06**/MF **A01**

**FAD-728/84-SUPPL**

Department of Defense Congressional Action on FY 1984 Supplemental Appropriation Requests. OASD (Comptroller).
AD-A145 934/6 **01**-*500,244* PC **A03**/MF **A01**

**FAD-728/85**

Department of Defense Congressional Action on FY 1985 Appropriation Request.
AD-A148 397/3 **05**-*510,732* PC **A06**/MF **A01**

**FAER-200**

Brazilian Soybean Industry: Economic and Policy Interventions.
PB85-118065 **03**-*505,339* PC **A03**/MF **A01**

**FAER-205**

Cameroon: An Export Market Profile.
PB85-105583 **02**-*502,806* PC **A03**/MF **A01**

**FAER-206**

Argentine Agricultural Policies in the Grain and Oilseed Sectors.
PB85-106441 **02**-*502,807* PC **A03**/MF **A01**

**FAER-207**

Energy's Role in Western Europe's Agriculture.
PB85-134336 **05**-*510,648* PC **A03**/MF **A01**

**FAER-208**

Agricultural Progress in Ecuador, 1970-82.
PB85-132785 **05**-*510,638* PC **A03**/MF **A01**

**FAER-209**

Foreign Exchange Constraints to Trade and Development.
PB85-134385 **05**-*510,649* PC **A04**/MF **A01**

**FAER-211**

Financial Constraints to Trade and Growth: The World Debt Crisis and Its Aftermath.
PB85-159812 **10**-*521,218* PC **A03**/MF **A01**

**FAER-212**

P.L. (Public Law) 480 Concessional Sales and Food for Development Programs: Terms and Conditions, Planning and Implementation Procedures.
PB85-176741 **14**-*531,057* PC **A03**/MF **A01**

**FAER-213**

Developmental Consequences of Unrestricted Trade.
PB85-201754 **18**-*539,878* PC **A02**/MF **A01**

**FAI-85/15**

Solid Desiccant Dehumidification Systems for Residential Applications.
PB85-198489 **15**-*534,168* PC **A06**/MF **A01**

**FAIRCHLD/RC/TR-85/01**

Hole Trapping in Thermal Oxides Grown under Various Oxidation Conditions Using Avalanche Injection in Poly-Silicon Gate Structures.
AD-A158 703/9 **25**-*559,789* PC **A04**/MF **A01**

**FAO-C-40210-C3**

Framstaellning av en Fluorokrom foer Tioler: N-(4-(7-dietylamino-4-metylkumarin-3-yl)fenyl)maleimid (CPM) (Preparation of a Fluorochrome for Tiols: N-4-(7-diethylamino-4-methylcoumarin-3-yl)phenyl)maleimide (CPM),
PB85-213056 **20**-*544,940* PC **E04**/MF **E01**

**FAO-FISHERIES-SYNOPSIS-140**

Synopsis of Biological Data on Shortnose Sturgeon, 'Acipenser brevirostrum' LeSueur 1818.
PB85-128395 **05**-*510,993* PC **A04**/MF **A01**

**FAO-FISHERIES-SYNOPSIS-142**

Synopsis of Biological Data on the Spottail Pinfish, 'Diplodus holbrooki' (Pisces: Sparidae),
PB85-153773 **09**-*518,964* PC **A02**/MF **A01**

**FAO-FISHERIES-SYNOPSIS-143**

Synopsis of Biological Data on the Sand Perch, 'Diplectrum formosum' (Pisces: Serranidae).
PB85-198596 **17**-*537,764* PC **A03**/MF **A01**

**FAR-C-1-84**

Populist Military Regimes in West Africa,
AD-A146 014/6 **01**-*500,314* PC **A03**/MF **A01**

**FAR-10-85**

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PB85-171767 **13**-*528,888* PC **A02**/MF **A01**

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**FEI-1362**

Chemistry of Sodium Coolant. Impurities of Nuclear Fuel and Its Fission Products in Sodium Coolant of Fast Reactors.
DE84702458 **01**-*502,233* PC **A02**/MF **A01**

**FEI-1363**

Heat Tranfer Decrease During Water Boiling in a Tube for the Heat Flux Step Distribution by the Tube Length.
DE84702346 **08**-*517,602* PC **A02**/MF **A01**

**FEI-1369**

Specific Features of Scintillator Emission in Intense Pulsed Neutron and gamma Fields.
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**FEI-1371**

Model of Solid Solution Decomposition under Irradiation.
DE84702332 **03**-*506,431* PC **A02**/MF **A01**

**FEI-1378**

KEhV-5 Resistor High-Voltage Testing.
DE84702126 **01**-*502,434* PC **A02**/MF **A01**

**FEI-1385**

Measurement and Analysis of Neutron Emission Spectrum under Niobium Nucleus Bombardment by 14 MeV Neutrons.
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**FEI-1386**

Viscous Incompressible Liquid Flow Calculation in Rectangular Channels.
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**FEI-1391**

Accuracy of the Diffusion Approximation in Neutron Leakage Calculation and the Group Method.
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**FEI-1393**
PERL-2 and LAVR-2 Programs for Monte Carlo Calculation of Reactivity Disturbances with Trajectory Correlation Using Random Numbers.
DE84702359 03-*507,214* PC **A02**/MF **A01**

**FEI-1394**
Limits and Period Determination for Self-Excited Oscillation Modes in a System of Parallel Steam-Generating Channels.
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**FEI-1396**
Heat Transfer Intensification in Fast Reactor Fuel Assemblies with Opposite Winding under Conditions of Non-Uniform Power Distribution in the Assembly Cross Section.
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**FEI-1401**
TEMP-M Program for Thermal-Hydraulic Calculation of Fast Reactor Fuel Assemblies.
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**FEI-1404**
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**FEI-1406**
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**FEI-1409**
Study on Fe Cross Section Structure in the Energy Range of (0.4/0.85) and (0.4/1.25) MeV.
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**FEI-1411**
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**FEI-1413**
Local Biphonons in Anharmonic Crystals with Defects.
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**FEI-1414**
Effect of Power Distribution on the Indices of Reactor Core Thermal-Technical Reliability.
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**FEI-1417**
Computerized Representation of Experimental Data on Burnout in Tubes, Annular Channels and Fuel Bundles.
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**FEI-1418**
Temperature Field Non-Uniformities of a Heat-Radiated Tube Surface in the Convective Range. To the Calculation Technique.
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**FEI-1419**
Some Problems in the Technique of High-Voltage Testing of the Accelerating Tube Gaps in Electrostatic Accelerators.
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**FEI-1421**
Solution of Channel Coupling Problem on the Basis of Shell-Model Functions with R-Matrix Boundary Conditions. Isobar Analog Resonances O exp + in sup 208 Bi Nucleus.
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**FEI-1422**
Fluids and Gases for the Coolant Flow Simulation in Engineering Devices.
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**FEI-1426**
Scattering Theory Elements in Oscillator Representation.
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**FEI-1427**
Frequency Spectrum of V sub 54 O sub 11 Disordered Interstitial Solid Solution.
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**FEI-1428**
Theory of Linear Albedo Operators in Banach Spaces.
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**FEI-1429**
GRUKON Program. Part 4. Calculation of the Cross Section Resonance Self-Shielding Factors.
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**FEI-1430**
Calculating Fission Product Concentrations in a Reactor.
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Cryostat for Neutron Studies of Superfluid Helium under a Pressure Up to 25 atm.
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**FEI-1439**
Digital Reactivity Meter on the Base of the ELECTRONICA-60 Microcomputer.
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**FEI-1445**
Approximation of Angular Distributions for Elastically Scattered Neutrons.
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**FEI-1448**
Concept Variety Systematization for the Onset of Nucleate Boiling in a Steam-Generating Tube.
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**FEI-1450**
Phase and Velocity Distributions in a Steam-Water Flow at the Pressure of 4.9 MPa.
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**FEI-1452**
Oscillations in the Hydrodynamically Coupled System Including a Rod and a Concentric Tube.
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**FEI-1454**
Effect of the Method Used for the Reflector Group Constant Averaging on the Neutron Effective Multiplication Factor Ksub(Eff).
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**FEI-1458**
Analysis of Experimental Data on Nuclear Momentum of Inertia, Obtained from Angular Distributions of Nuclear Reaction Products.
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Effect of Inlet Azimuthal Flow Rate Nonuniformity on the Coolant Flow in a Nuclear Reactor Cylindrical Manifold.
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Averging Coefficient Estimation for the One-Dimensional Model of Two-Phase Flow. Momentum and Continuity Equations.
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**FEI-1464**
Burnout in a Rod Bundle in Loss of Water Flow Conditions (At Heat Transfer from Graphite Moderator).
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**FEI-1467**
Simulation of a Body Source by Surface One in Radiation Shield Optimization Problems.
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**FEI-1468**
UO Sub 2 Fuel Element Melt Temperature Calculation.
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**FEI-1471**
Experimental Investigation of the Temperature Transducers Reliability.
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**FEI-1474**
Investigations of an Ionizing Radiation Transport in a Nitrogen-Containing Medium.
DE85701014 23-*553,886* PC **A02**/MF **A01**

**FEI-1475**
Radiation Creep and Dislocation Slip.
DE85700711 22-*550,454* PC **A02**/MF **A01**

**FEI-1476**
Possibilities of Secondary Ion-Ion Emission Technique for Studying Nuclear Reactor Structural Material Swelling.
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**FEI-1478**
Effective Algorithm for Integrating Reactor Kinetics Equations Based on the Gear Numerical Methods.
DE85700738 23-*554,069* PC **A02**/MF **A01**

**FEI-1479**
Flow Area Blockage Effect on the Coolant Rate Distribution Fast Reactor Fuel Element Bundle Model.
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**FEI-1480**
Fuel Assembly Temperature Field Calculation Method Using the Temperature Superposition Principle.
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**FEI-1483**
Study on the 21 MeV Neutron Flux Characteristics Obtained in the sup 3 H(d,n) sup 4 He Reaction Using of Gas Target.
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**FEI-1486**
BRAND Program Complex. Part 1. Preparation of General Information, Definition of a Source and Geometry of a System.
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**FEI-1487**
Temperature Field Measurement in a Water Flow During Mixed Forced-and-Natural Convection.
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**FEI-1488**
Stability of the Flow Constant Components in a System of Channels Coupled by Manifolds and in a Closed Circuit.
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**FEI-1489**
Flow in a Channel with Fluid Bleed Through Lateral Walls.
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**FEI-1492**
Accurate Solution of the Problem of Natural Convection in a Heat Releasing Porous Medium.
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**FEI-1493**
0N the Coolant Mixing Optimization in Wire-Wrapped Rod Bundles.
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**FEI-1494**
Determination of Interchannel Oscillation Region Boundaries in a System of Parallel Steam-Generating Channels.
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**FEI-1495**
Sodium Permeability Through Structural Materials.
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**FEI-1496**
Calculation of Heat Exchange in a Post Burnout Region of Sodium Heated Steam-Generating Channels.
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**FEI-1497**
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Technique for Calculation of Temperature Gradients in Steam-Generating Channels with Liquid Metal Heating.
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**FEI-1504**
Direct Field Accelerating Tube for the EhG-2.5 Electrostatic Accelerator.
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**FEI-1517**
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Flow Rate Oscillation Period Values in a System of Parallel Steam Generating Channels.
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**FEI-1529**
Investigation into Fields of Oxygen Thermodynamic Activity in a Sodium-Potassium Coolant by Emf Method.
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**FEI-1530**
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**FEI-1534**
Semi-Analytical Method for Thermal Calculation of the Multilayer Cylindrical Rods with Internal Heat Generation.
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**FEI-1539**
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N85-26675/7 **19**-*542,074* PC **A10**/MF **A01**

**FFA-TN-1984-11**
Wind Tunnel Calibration of a Hemispherical Head Angle of Attack and Angle of Sideslip Indicator.
N85-10923/9 **04**-*509,859* PC **A04**/MF **A01**

**FFA-TN-1984-15-PT-1**
Investigation into the Advantages of Fluidics in Fluid Processing. Part 1: An Overview of Fluidics.
N85-11328/0 **04**-*509,802* PC **A04**/MF **A01**

**FFA-TN-1984-16**
Near-Threshold Fatigue Crack Growth and Crack Closure in 17-4 Precipitation Hardening Steel and 2043-T3 Aluminum Alloy.
N85-11385/0 **04**-*509,435* PC **A02**/MF **A01**

**FFA-TN-1984-017**
Influence of Moisture and Elevated Temperature on Fatigue Properties of WTS-3 Glassfibre Blade Material.
DE85751796 **23**-*552,994* PC **A03**/MF **A01**

**FFA-TN-1984-20**
Stress Intensity Factors for Corner Cracks at Holes Located Near an Edge.
N85-13279/3 **07**-*515,579* PC **A07**/MF **A01**

**FFA-TN-1984-32**
Influence of Sublaminate Cracks on the Tension Fatigue Behavior of a Graphite Epoxy Laminate.
N85-11386/8 **04**-*509,372* PC **A03**/MF **A01**

**FFA-TN-1984-34**
Local Slot Boundary Condition for Transonic Flow Calculations in Slotted-Wall Test Sections of Wind Tunnels.
N85-12879/1 **07**-*515,219* PC **A03**/MF **A01**

**FFA-TN-1984-39**
Literature Survey of Ground Load Statistics for Landing Gear Fatigue Design Purposes.
N85-18054/5 **12**-*525,888* PC **A03**/MF **A01**

**FFA-TN-1984-40**
Short Cracks and Crack Closure in Al 2024-T3.
N85-11387/6 **04**-*509,436* PC **A02**/MF **A01**

**FFA-TN-1984-45**
Fracture Mechanics Analysis and Prediction of Delamination Growth in Composite Structures.
N85-18092/5 **12**-*527,085* PC **A02**/MF **A01**

**FFA-TN-1984-48**
Preliminary Assessment of Environmental Noise from Large WECS, Based on Experiences from Swedish Prototypes.
DE85751444 **17**-*538,079* PC **A04**/MF **A01**

Preliminary Assessment of Environmental Noise from Large Wind Energy Conversion Systems (WECS) Based on Experiences from Swedish Prototypes.
N85-18668/2 **12**-*527,047* PC **A04**/MF **A01**

**FFA-TN-1984-51**
Crack Growth Data for Two Aluminum Alloys 7050-T73651 and 2024-T3.
N85-31290/8 **23**-*553,165* PC **A05**/MF **A01**

**FFA-TN-1984-52**
Use of Marker Loads for Fatigue Crack Growth Measurements.
N85-27277/1 **19**-*543,230* PC **A04**/MF **A01**

**FFA-TN-1984-53**
Boundary Conditions for Artificial Dissipation Operators.
N85-18642/7 **12**-*527,201* PC **A03**/MF **A01**

**FFA-TN-1984-58**
Influence of Moisture and Elevated Temperature on the Fatigue Properties of WTS-3 Glass Fiber Blade Material.
N85-31558/8 **23**-*553,142* PC **A03**/MF **A01**

**FFA-TN-1984-63**
Calculation of Flow around the SF 310 Airplane Using a Full Potential Equation Method.
N85-31022/5 **23**-*551,989* PC **A02**/MF **A01**

**FFIF-IR-F-632**
Survey of Iodine Metabolism in Man Illustrated by an Iodide Load Investigation. Consequences for Defence Precautions.
FFIF-IR-F-632 **20**-*544,887* PC **A03**/MF **A01**

**FFVS-1-85**
U.S. Seed Exports for the 1984-1985 Marketing Year Through December and Comparisons with the Previous Year.
PB85-179893 **14**-*530,819* PC **A04**/MF **A01**

**FFVS-2-85**
U.S. Seed Exports for the 1984-1985 Marketing Year Through March and Comparisons with the Previous Year.
PB85-215358 **20**-*544,674* PC **A04**/MF **A01**

**FFVS-3-84**
U.S. Seed Exports for the July-June Marketing Year and Comparisons with Previous Year, September 1984.
PB85-114056 **03**-*505,328* PC **A05**/MF **A01**

**FFVS-4-84**
U.S. Seed Exports for the Marketing Year through September and Comparisons with Previous Year, December 1984.
PB85-148393 **08**-*515,773* PC **A04**/MF **A01**

**FG-1-85**
World Grain Situation/Outlook, January 1985.
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**FG-2-85**
World Grain Situation and Outlook: Reference Tables on Wheat, Corn and Total Coarse Grains Supply-Distribution for Individual Countries, January 1985.
PB85-171668 **12**-*525,934* PC **A07**/MF **A01**

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**FG-4-85**
World Grain Situation and Outlook, March 1985.
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**FG-5-85**
World Durum Production and Trade, April 1985.
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**FG-6-85**
World Grain Situation and Outlook, April 1985.
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**FG-7-85**
World Grain Situation and Outlook, May 1985.
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**FG-9-85**
World Grain Situation and Outlook, June 1985.
PB85-226553 **22**-*549,553* PC **A03**/MF **A01**

**FG-10-85**
World Grain Situation and Outlook, July 1985.
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World Grain Situation/Outlook, September 1984.
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**FG-13-84**
World Grain Situation/Outlook, October 1984.
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**FG-14-84**
World Grain Situation/Outlook, November 1984.
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World Grain Situation/Outlook, November 1984.
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PB85-145027 **07**-*514,359* PC **A04**/MF **A01**

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**FHWA/AK/RD-84/10**
Air Duct Systems for Roadway Stabilization Over Permafrost Areas.
PB85-103489 **01**-*501,785* PC **A04**/MF **A01**

**FHWA/AK/RD-85/11**
Temperature Measurements in Permafrost.
PB85-210417 **19**-*542,973* PC **A05**/MF **A01**

**FHWA/AR-84/004**
Use of Pavement Millings in Cold Mixes.
PB85-204402 **18**-*541,216* PC **A03**/MF **A01**

**FHWA/AR-84/400**
Evaluation of Asphalt Emulsion Surface Treatment Characteristics and Performance.
PB85-224871 **22**-*550,708* PC **A08**/MF **A01**

**FHWA/AZ-83/186**
Laboratory Evaluation of Anti-Reflection Cracking Materials.
PB85-136851 **05**-*511,941* PC **A05**/MF **A01**

**FHWA/AZ-83/187**
Reactive Silane-Coupled Asphalt/Mineral Composites as Binders in Paving Construction.
PB85-174969 **14**-*532,154* PC **A04**/MF **A01**

**FHWA/AZ-84/163**
Saturated Surface Dry Testing Machine.
PB85-153302 **10**-*522,288* PC **A03**/MF **A01**

**FHWA/CA/LA-83/02**
Planting Techniques and Materials for Revegetation of California Roadsides.
PB85-222495 **21**-*548,579* PC **A08**/MF **A01**

**FHWA/CA/SD-82/01**
Long Span Bridge Deflections.
PB85-138683 **07**-*515,192* PC **A08**/MF **A01**

**FHWA/CA/SD-82-11**
Post Cast Headers at Highway Structure Expansion Joints.
PB85-163855 **11**-*524,666* PC **A06**/MF **A01**

**FHWA/CA/SD-83/02**
Rigid Pipe Proof Testing Under Excess Overfills with Varying Backfill Parameters. Section 7. (Volume 2): Finite Element Analysis.
PB85-189819 **16**-*536,371* PC **A07**/MF **A01**

**FHWA/CA/SD-83/03**
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Proof Testing of a Structural Plate Pipe with Varying Bedding and Backfill Parameters. Section 7. (Volume 3): Finite Element Analysis.
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**FHWA/CA/SD-83/05**
Structural Behavior of a Skewed, Prestressed Concrete, Railroad Trough Structure. (Parts 1 through 4).
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**FHWA/CA/SD-84/01-PT-1**
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**FHWA/CA/SD-84/01-PT-2**
Structural Behavior of a Skewed, Prestressed Concrete, Railroad Trough Structure - Finite Element Analysis of an Alternative Design (Part 2).
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**FHWA/CA/TL-83/04**
California's Thin Bonded PCC (Portland Cement Concrete) Overlay.
PB85-135044 **06**-*513,730* PC **A04**/MF **A01**

**FHWA/CA/TL-83/05**
Vehicle Impact Tests of a See-Through, Collapsing Ring, Structural Steel Tube, Bridge Barrier Railing.
PB85-244226 **24**-*555,997* PC **A07**/MF **A01**

**FHWA/CA/TL-83/08**
Energy and Transportation Systems.
PB85-218659 **21**-*548,055* PC **A15**/MF **A01**

**FHWA/CA/TL-84/01**
Measurement and Analysis of Ambient Carbon Monoxide Concentrations for Project-Level Air Quality Impact Studies.
PB85-104602 **03**-*506,662* PC **A07**/MF **A01**

**FHWA/CA/TL-84/02**
Determination of Fatique Characteristics of Hot-Dip Galvanized A307 and A449 Anchor Bars and A325 Cap Screws.
PB85-203313 **18**-*541,223* PC **A07**/MF **A01**

**FHWA/CA/TL-84/07**
Used Tire Material as an Alternate Permeable Aggregate.
PB85-227536 **22**-*550,717* PC **A03**/MF **A01**

**FHWA/CA/TL-84/10**
Dynamic Approach to Embankment Construction Control.
PB85-228310 **22**-*550,167* PC **A08**/MF **A01**

**FHWA/CA/TL-84/11**
Detention Basins at Two Snow Removal Maintenance Stations: An Evaluation.
PB85-227056 **22**-*550,686* PC **A04**/MF **A01**

**FHWA/CA/TL-84/12**
Sediment Basins with Slotted Riser Outlets: An Evaluation.
PB85-183747 **16**-*536,365* PC **A05**/MF **A01**

**FHWA/CA/TL-84/13**
California Vehicle Noise Emission Levels.
PB85-221042 **20**-*545,831* PC **A11**/MF **A01**

**FHWA/CA/TL-84/15**
CALINE4 - A Dispersion Model for Predicting Air Pollutant Concentrations Near Roadways.
PB85-211498 **19**-*543,537* PC **A13**/MF **A01**

**FHWA/CA/TL-84/16**
Field Performance of Experimental Tire Anchor Timber Wall.
PB85-226504 **22**-*550,811* PC **A05**/MF **A01**

**FHWA/CA/TL-84/18**
Experimental Tied Back Crib Wall with Salvaged Guardrail Facing.
PB85-225563 **22**-*550,674* PC **A04**/MF **A01**

**FHWA/CA/TO-83/3/2**
Improving Signal Timing. Volume 2. Pretimed Arterial Roadways.
PB85-178945 **12**-*527,366* PC **A10**/MF **A01**

**FHWA/CA/TO-84/3/1**
Improving Signal Timing. Volume 1. Isolated Intersections.
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**FHWA/CA/TO-84/5**
Segmentwide Traffic Responsive Freeway Entry Control: Freeway Corridor Modeling, Control Strategy, and Implementation Plan.
PB85-188118 **15**-*534,218* PC **A09**/MF **A01**

**FHWA/CA-84/17**
Revegetation of Problem Soils on Road Slopes.
PB85-226470 **22**-*550,682* PC **A05**/MF **A01**

**FHWA/CDOH/DTP-84/9**
Driven Anchors to Stabilize Colluvial Slopes.
PB85-183598 **15**-*533,761* PC **A04**/MF **A01**

**FHWA/CO/RD-81/8**
Explosive Treatment to Correct Swelling Shales Project I 70-1(61).
PB85-212066 **19**-*543,546* PC **A03**/MF **A01**

**FHWA/CO/RD-83/14**
MICRO2 - An Air Quality Intersection Model.
PB85-219202 **22**-*550,651* PC **A03**/MF **A01**

**FHWA/CO-84/19**
Pycnometer Shaker.
PB85-174985 **14**-*532,202* PC **A02**/MF **A01**

**FHWA/CO-84/R4**
Bridge Deck Repair and Protective Systems: Latex Modified Concrete Topping.
PB85-174993 **14**-*532,069* PC **A03**/MF **A01**

**FHWA/CT/RD-876-3-84-12**
Construction of the Connecticut Impact Attenuation System at Four High-Hazard Locations.
PB85-236669 **24**-*555,964* PC **A03**/MF **A01**

**FHWA/DP-50-14**
Sprinkle Treatment of Bituminous Concrete for Improved Skid Resistance.
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**FHWA-DP-52-2**
Solar Energy for Highway Uses. Final Report.
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Permanent Ground Anchors,
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**FHWA/FL/BMR-84/270**
Water-Quality Assessment of Stormwater Runoff from a Heavily Used Urban Highway Bridge in Miami, Florida.
PB85-183606 **15**-*534,204* PC **A03**/MF **A01**

**FHWA/FL/BMR-84/272**
Highways and Endangered Wildlife in Florida: Impacts and Recommendations.
PB85-103430 **01**-*501,784* PC **A06**/MF **A01**

**FHWA/IL/UI-201**
Response of Highway Bridges to Nonlinear Temperature Distributions.
PB85-188142 **16**-*536,370* PC **A14**/MF **A01**

**FHWA/IL/UI-206**
Recycling of Bituminous Shoulders: Laboratory Testing and Performance Predictions.
PB85-212074 **19**-*543,579* PC **A06**/MF **A01**

**FHWA/IL-85/208**
Mechanistic Design Concepts for Conventional Flexible Pavements.
PB85-224517 **22**-*550,659* PC **A07**/MF **A01**

**FHWA/IN/JHRP-83/4**
Investigation of Recycling Bituminous Pavements.
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**FHWA/IN/JHRP-84/5**
Use of Foamed Asphalt in Bituminous Stabilization of Base and Subbase Materials and Recycled Pavement Layers.
PB85-205128 **18**-*541,217* PC **A09**/MF **A01**

**FHWA/IN/JHRP-84/8**
Stabilization of Slopes Using Piles. Final Report.
PB85-184042 **15**-*534,207* PC **A09**/MF **A01**

**FHWA/IN/JHRP-84/11**
Development and Use of a Management Information System to Identify Areas of Routine Maintenance Productivity Improvement.
PB55-183036 **16**-*536,260* PC **A13**/MF **A01**

**FHWA/IP-84/6**
Guidelines for Making Pedestrian Crossing Structures Accessible,
PB85-135796 **06**-*513,735* PC **A03**/MF **A01**

**FHWA/IP-84/11**
Handbook on Design of Piles and Drilled Shafts Under Lateral Load,
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**FHWA/IP-84/15**
Hydrology.
PB85-182954 **15**-*533,701* PC **A16**/MF **A01**

**FHWA/KS-84/1**
Microbial Biodeterioration of Asphalt and Related Hydrocarbons - A Literature Review.
PB85-103455 **01**-*500,805* PC **A04**/MF **A01**

**FHWA/KY-83/5**
Development of a Thickness Design System for Portland Cement Concrete Pavements.
PB85-232577 **24**-*555,950* PC **A03**/MF **A01**

**FHWA/KY-84/11**
Variations of Fatique Due to Unevenly Loaded Axles within Tridem Groups.
PB85-212207 **19**-*543,551* PC **A02**/MF **A01**

**FHWA/KY-84/024**
Relationship between Kentucky CBR (California Bearing Radio) and Slake Durability.
PB85-218634 **21**-*547,885* PC **A05**/MF **A01**

**FHWA/KY-84/31**
Evaluation of Durable Lane Delineation Materials (Interim Report).
PB85-242022 **24**-*555,985* PC **A03**/MF **A01**

**FHWA/KY-84/32**
Evaluation of Durable Crosswalk and Stopbar Marking Materials (Interim Report).
PB85-243202 **26**-*561,148* PC **A02**/MF **A01**

**FHWA/LA/UNO-84-1**
Settlement Analyses with Incremental, Controlled Gradient and Constant Rate of Strain Load Tests.
PB85-219319 **21**-*547,887* PC **A09**/MF **A01**

**FHWA/LA-83/168**
Field Calibration of Dutch Cone Penetrometers for Louisiana Soils.
PB85-218741 **21**-*547,886* PC **A05**/MF **A01**

**FHWA/LA-83/169**
Evaluation of Skid Inventory Data for Development of Trends (Pilot Study) 82-1G(B).
PB85-187870 **16**-*536,279* PC **A04**/MF **A01**

**FHWA/LA-84/1SS(B)**
Environmental and Health Effects of MSMA (Monosodium Salt Methane Arsenic Acid) Application along Louisiana Highways.
PB85-219145 **21**-*547,539* PC **A06**/MF **A01**

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Environmental and Health Effects of MSMA (Monosodium Salt Methane Arsenic Acid) Application along Louisiana Highways: Executive Summary.
PB85-219152 **21**-*547,540* PC **A03**/MF **A01**

**FHWA/LA-84/170**
Use of Cone Penetrometer Testing to Investigate Sand Fill Subsidence at Cross-Drain Locations. Volume 1.
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**FHWA/LA-85/174**
Evaluation of Drainage Pipe By Field Experimentation and Supplemental Laboratory Experimentation. Final Report July 1972-November 1984.
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**FHWA/MD-83/05**
Simulation and Optimization of Traffic Flow on Intercity Networks.
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**FHWA/MD-84/03**
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Evaluation of a Fusion Bonded White Polyester Coated Guardrail.
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**FHWA/ME/TP-83/5**
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**FHWA/MN/RC-84/04**
Study of Traffic Loop Failures,
PB85-107753 **02**-*504,322* PC **A03**/MF **A01**

**FHWA/MN/RD-83/05**
Effect of Concrete Shoulders on Concrete Pavement Performance.
PB85-135671 **06**-*513,731* PC **A04**/MF **A01**

**FHWA/MN/RD-83/06**
Effect of Frozen Support on Concrete Pavement Performance.
PB85-135762 **06**-*513,734* PC **A03**/MF **A01**

**FHWA/MN/RD-83/07**
Effect of Tridem-Axle Loading on Concrete Pavement Performance.
PB85-134989 **05**-*511,911* PC **A04**/MF **A01**

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Methods and Materials for Reducing Crack Reflectance.
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**FHWA/MO-81/3**
Investigation of Erosion Control Materials for Ditches in Highway Corridors in Missouri.
PB85-218733 **20**-*545,815* PC **A03**/MF **A01**

**FHWA/MO-81/4**
Investigation of Erosion Control Materials for Slopes in Highway Corridors in Missouri.
PB85-220192 **21**-*548,574* PC **A03**/MF **A01**

**FHWA/NC-84/001**
Deflection Criteria for Wind Induced Vibrations in Cantilever Highway Sign Structures.
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**FHWA/NJ/RD-003/7717**
Evaluation of Control Strategies for Bus Preemption of Traffic Signals.
PB85-219210 **20**-*545,823* PC **A04**/MF **A01**

**FHWA/NJ/RD-85/006**
NJ (New Jersey) Breakaway Sign Testing.
PB85-210227 **19**-*543,526* PC **A04**/MF **A01**

**FHWA/NJ-84/004/7799**
Evaluation of an Epoxy Resin Pavement Marking System.
PB85-245710 **26**-*561,151* PC **A03**/MF **A01**

**FHWA/NJ-84/010**
Operational Effects of Right Turn on Red in New Jersey.
PB85-185502 **16**-*536,269* PC **A04**/MF **A01**

**FHWA/NJ-85/004**
Evaluation of Honeycomb Highway Sound Barrier I-280 Section 8B, Harrison, New Jersey.
PB85-231157 **23**-*553,440* PC **A04**/MF **A01**

**FHWA/NY/RR-83/104**
Performance of Preformed Pavement-Marking Tapes.
PB85-153401 **10**-*522,341* PC **A04**/MF **A01**

**FHWA/NY/RR-83/107**
Decay of Tine-Textured Grooves in Rigid Pavements.
PB85-135648 **05**-*511,915* PC **A02**/MF **A01**

**FHWA/NY/RR-83/108**
Effects of Sawed-Groove Texturing on Concrete Bridge Decks.
PB85-134971 **05**-*511,910* PC **A03**/MF **A01**

**FHWA/NY/RR-83/109**
Reflection Cracking in Bituminous Overlays on Rigid Pavements.
PB85-135713 **05**-*511,916* PC **A03**/MF **A01**

**FHWA/NY/RR-84/110**
Failure Test of a Jack-Arch Bridge.
PB85-137636 **06**-*513,892* PC **A02**/MF **A01**

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Pavement-Marking Materials: New York's Experience.
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**FHWA/NY-84/114**
Evaluation of Long-Life Pavement Markings.
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Design of Slender, Nonprismatic, and Hollow Concrete Bridge Piers.
PB85-153476 **09**-*519,781* PC **A19**/MF **A01**

**FHWA/TX-84/36 + 248-2**
Review of Design Procedures for Shear and Torsion in Reinforced and Prestressed Concrete.
PB85-139160 **06**-*513,895* PC **A09**/MF **A01**

**FHWA/TX-84/37 + 248-3**
Experimental Verification of Design Procedures for Shear and Torsion in Reinforced and Prestressed Concrete.
PB85-138691 **06**-*513,893* PC **A14**/MF **A01**

**FHWA/TX-84/38 + 248-4F**
Proposed Design Procedures for Shear and Torsion in Reinforced and Prestressed Concrete.
PB85-136711 **06**-*513,691* PC **A12**/MF **A01**

**FHWA/TX-84/39 + 246-2**
Detection of Voids Underneath Concrete Pavements Using Infrared Thermography.
PB85-175008 **13**-*529,681* PC **A06**/MF **A01**

**FHWA/TX-84/40 + 246-3**
Polymer Concrete for Pavement Repair and Rehabilitation.
PB85-174977 **13**-*529,700* PC **A06**/MF **A01**

**FHWA/TX-84/42 + 288-3**
Accident Analysis of the Conversion from Two-Way to One-Way Frontage Road Operation.
PB85-174613 **14**-*532,060* PC **A02**/MF **A01**

**FHWA/TX-84/43 + 288-4F**
Freeway Frontage Road Operations and Safety Study.
PB85-174316 **14**-*532,053* PC **A03**/MF **A01**

**FHWA/TX-84/46 + 210-12F**
Analysis of Urban Freeway Operations and Modifications.
PB85-184067 **14**-*532,138* PC **A05**/MF **A01**

**FHWA/TX-84/47 + 249-7**
Effect of Coarse-Aggregate Type on CRCP Thickness.
PB85-106011 **01**-*501,833* PC **A05**/MF **A01**

**FHWA/TX-84/48 + 258-2**
Comparative Analysis of Left-Turn Phase Sequencing.
PB85-149359 **08**-*517,136* PC **A04**/MF **A01**

**FHWA/TX-84/49-258-3F**
Procedural Guide for Left-Turn Analysis.
PB85-152551 **09**-*519,669* PC **A05**/MF **A01**

**FHWA/TX-84/52 + 343-2**
Test and Evaluation of Neighborhood Mailbox.
PB85-218758 **20**-*544,650* PC **A02**/MF **A01**

**FHWA/TX-84/53 + 210-10**
Use of Freeway Shoulders to Increase Capacity: A Review.
PB85-175099 **14**-*532,073* PC **A03**/MF **A01**

**FHWA/TX-84/58 + 292-2**
Controlling Speeds in Highway Work Zones.
PB85-174258 **14**-*532,050* PC **A06**/MF **A01**

**FHWA-TX-84-59 + 290-2**
Data Reduction System Utilizing Golden River Counting and Recording Equipment.
PB85-212181 **19**-*543,550* PC **A04**/MF **A01**

**FHWA/TX-84/60 + 290-3**
Travel Information Data Aquisition System (TRIDAQS) Reference Manual.
PB85-186013 **16**-*536,273* PC **A06**/MF **A01**

**FHWA/TX-84/61 + 290-4F**
Developing a Data Collection System for Urban Freeways.
PB85-175024 **14**-*532,071* PC **A04**/MF **A01**

**FHWA-TX-84-62 + 262-5**
Development of Truck-Mounted Portable Maintenance Barrier.
PB85-212579 **19**-*543,560* PC **A05**/MF **A01**

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**FHWA/TX-85/4+311-3**
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PB85-215937 **20**-*545,787* PC **A09**/MF **A01**

**FHWA/TX-85/06+292-3**
Selection of Work Zone Channelizing Devices Using the Value Engineering Approach.
PB85-193373 **17**-*538,481* PC **A03**/MF **A01**

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**FHWA/TX-85/48+253-8**
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PB85-152288 **10**-*521,973* CP **T02**

**FIPS PUB 6-3**
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**FIPS PUB 8-5**
Metropolitan Statistical Areas (Including CMSAs (Consolidated Metropolitan Statistical Areas), PMSAs (Primary Metropolitan Statistical Areas), and NECMAs (New England County Metropolitan Areas)). Category: Data Standards and Guidelines. Subcategory: Representations and Codes.
FIPS PUB 8-5 **07**-*514,820* PC **A06**/MF **A01**

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Aeromonas hydrophila and Motile Aeromonad Septicemias of Fish,
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**FLPU-83-5**
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DE85008064 13-*530,461* PC **A02**/MF **A01**

**FNAL/C-84/134-E**
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**FNAL/C-84/135**
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**FNAL/C-85/14**
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**FNAL/C-85/17-A**
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DE85002189 **06**-*512,724* PC **A02**/MF **A01**

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DE85003921 **10**-*523,005* PC **A02**

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**FNAL/PUB-84/126-A**
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**FNAL-TM-1100**
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DE85003348 **08**-*517,837* PC **A02**/MF **A01**

**FNAL-TM-1103**
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DE85003349 **08**-*517,838* PC **A03**/MF **A01**

**FNAL-TM-1105**
Expanded Fermilab Pressure Vessel Directory Program.
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**FNAL-TM-1106**
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DE85003350 **08**-*517,839* PC **A03**/MF **A01**

**FNAL-TM-1108**
Characteristics of A-150 Plastic-Equivalent Gas in A-150 Plastic Ionization Chambers for p(66)Be(49) Neutrons.
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**FNAL-TM-1109**
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**FNAL-TM-1112**
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DE85003772 **08**-*516,576* PC **A02**/MF **A01**

**FNAL-TM-1116**
Pressure Analysis of Correction Coil Cryostat.
DE85003771 **10**-*522,471* PC **A02**/MF **A01**

**FNAL-TM-1117**
CASIM Predictions of Meson West Tevatron Target Soil Activation.
DE85003770 **09**-*520,279* PC **A02**/MF **A01**

**FNAL-TM-1118**
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**FNAL-TM-1119**
Compensation of the Solenoid Field in the Colliding-Beams Detector.
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**FNAL-TM-1120**
Z80 Based Voltage and Temperature Monitor for the Main Ring Control Crate: The CC48 Card.
DE85003346 **09**-*520,272* PC **A02**/MF **A01**

**FNAL-TM-1121**
Performance Testing of Super Fe Magnet.
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**FNAL-TM-1122**
Construction of a Fermilab Superferric Test Magnet.
DE85004262 **08**-*516,577* PC **A02**/MF **A01**

**FNAL-TM-1134**
Energy Saver A-Sector Power Test Results.
DE85004277 **09**-*520,289* PC **A02**/MF **A01**

**FNAL-TM-1137**
Proton Therapy Nozzles Design and Analysis.
DE85004278 **09**-*518,643* PC **A02**/MF **A01**

**FNAL-TM-1149**
Fastbus Backplane Impedance.
DE85004260 **10**-*522,628* PC **A02**/MF **A01**

**FNAL-TM-1150**
Spool Piece Aperture: Warm to Cold Temperature Position Changes.
DE85004274 **09**-*520,288* PC **A02**/MF **A01**

**FNAL-TM-1152**
New Look at Displacement Factor and Point of Measurement Corrections in Ionization Chamber Dosimetry.
DE85004276 **08**-*516,304* PC **A03**/MF **A01**

**FNAL-TM-1153**
Dynamics of RF Captured Cooled Proton Beams.
DE85004268 **08**-*517,852* PC **A02**/MF **A01**

**FNAL-TM-1157**
E-537 MWPC Amplifier.
DE85004270 **08**-*517,469* PC **A02**/MF **A01**

**FNAL-TM-1158**
High Sensitivity Amplifier/Discriminator for PWC'S.
DE85004271 **11**-*525,022* PC **A02**/MF **A01**

**FNAL-TM-1159**
Very High Energy Synchrotron Radiation at Fermilab.
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**FNAL-TM-1162**
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**FNAL-TM-1164**
Lab 6 Winding Facility.
DE85004265 **10**-*522,400* PC **A02**

**FNAL-TM-1165**
Pressure Testing of Saver Single-Phase Bellows.
DE85004266 **08**-*517,850* PC **A02**/MF **A01**

**FNAL-TM-1168**
Activation of Sweeping Magnets in Tevatron II Standardized Target Piles.
DE85004267 **08**-*517,851* PC **A02**/MF **A01**

**FNAL-TM-1170**
RFSYS: An Inventory Code for RF System Parameters.
DE85004246 **08**-*517,843* PC **A02**/MF **A01**

**FNAL-TM-1172**
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DE85004247 **10**-*522,089* PC **A02**/MF **A01**

**FNAL-TM-1177**
Operating Manual and Design Report of a 5000A Quench Switch for Energy Doubler Magnets in Experimental Area Beamlines.
DE85004248 **08**-*517,844* PC **A04**/MF **A01**

**FNAL-TM-1179**
Standard Beam PWC for Fermilab.
DE85004249 **08**-*517,845* PC **A02**/MF **A01**

**FNAL-TM-1180**
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DE85004263 **08**-*517,849* PC **A02**/MF **A01**

**FNAL-TM-1195**
Motor Control and Position Sensing Standards: A Selection Guide and Suggestions for New Designs.
DE85004255 **09**-*520,286* PC **A02**/MF **A01**

**FNAL-TM-1197**
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DE85004256 **09**-*519,404* PC **A02**/MF **A01**

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Beamline Transition Radiation Detector for MW.
DE85004257 **09**-*519,944* PC **A03**/MF **A01**

**FNAL-TM-1207**
Tunnel Nitrogen Spill Experiment.
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**FNAL-TM-1220**
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**FNAL-TM-1221-A**
About Phanta for Clinical Neutron Dosimetry.
DE85004250 **09**-*518,783* PC **A02**/MF **A01**

**FNAL-TM-1226**
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**FNAL-TM-1230**
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**FNAL-TM-1249**
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Superconducting Magnet Technology for Accelerators.
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Calculation of Transmission Line Impedances Using the ANSYS Finite Element Program.
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**FNAL-TM-1276**
Measurements of Satellite Refrigerator Compressor Power Consumption and Efficiency.
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**FNAL-TM-1277**
Comparison of the Second-Order Tune Shift Formulas Due to Sextupoles Given by Collins and Ohnuma.
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**FNAL-TM-1280**
Bunch Coalescing in the Main Ring to Form Intense Proton and Antiproton Bunches Without RF Counterphasing.
DE85001364 **04**-*510,253* PC **A02**/MF **A01**

**FNAL-TM-1284**
New Preamplifier for Particle Detectors.
DE85004115 **09**-*519,943* PC **A03**/MF **A01**

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DE85003721 **09**-*520,277* PC **A02**/MF **A01**

**FNAL-TM-1287**
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DE85003722 **09**-*520,278* PC **A03**/MF **A01**

**FNAL-TM-1288**
Muon Fluence Measurements at 800 GeV.
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**FNAL-TM-1289**
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DE85004121 **09**-*520,280* PC **A03**/MF **A01**

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DE85004114 **08**-*517,841* PC **A02**/MF **A01**

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Preliminary Design for a 20 TeV Collider in a Deep Tunnel at Fermilab.
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**FNAL-TM-1296**
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DE85017366 **26**-*561,400* PC **A03**/MF **A01**

**FNAL-TM-1298**
CAMAC 488 Module: 68,000 Based GPIB Interface Module.
DE85009367 **15**-*534,551* PC **A03**/MF **A01**

**FNAL-TM-1300**
Aperture Study.
DE85009370 **15**-*534,813* PC **A02**/MF **A01**

**FNAL-TM-1301**
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DE85011722 **19**-*544,114* PC **A04**/MF **A01**

**FNAL-TM-1303**
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**FNAL-TM-1306**
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DE85012425 **22**-*551,369* PC **A02**/MF **A01**

**FNAL-TM-1307**
Design Considerations for Personnel Access Penetrations for the Superconducting Super Collider.
DE85013027 **21**-*549,096* PC **A02**/MF **A01**

**FNAL-TM-1309**
Using the TEVATRON Beam Position Monitor System to Investigate Transverse Phase Space.
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**FNAL-TM-1310**
Variable Curvature Phantom.
DE85014260 **22**-*549,802* PC **A02**/MF **A01**

**FNAL-TM-1311**
Width of Nonlinear Difference Resonances.
DE85013026 **22**-*551,414* PC **A02**/MF **A01**

**FNAL-TM-1312**
Reduction of Sextupole Distortion by Shuffling Magnets in Small Groups.
DE85013024 **22**-*551,413* PC **A02**/MF **A01**

**FNAL-TM-1314**
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DE85017439 **26**-*561,765* PC **A02**/MF **A01**

**FNAL-TM-1315**
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DE85014240 **22**-*551,477* PC **A02**/MF **A01**

**FNAL-TM-1316**
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**FNAL-TM-1318**
Improvement of the High Voltage Properties of the Fermilab Electrostatic Septa.
DE85016990 **26**-*561,754* PC **A02**/MF **A01**

**FNAL-TM-1320**
Abort Kicker Power Supply Systems at Fermilab.
DE85016991 **26**-*561,755* PC **A02**/MF **A01**

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DE85016984 **26**-*560,683* PC **A02**/MF **A01**

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**FNAL-TM-1328**
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DE85017442 **26**-*561,766* PC **A02**/MF **A01**

**FNAL-TM-1329**
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DE85017445 **26**-*561,768* PC **A02**/MF **A01**

**FNAL-TM-1330**
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**FNAL-TM-1332**
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PB85-163863 **11**-*524,822* PC **E04**/MF **E01**

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PB85-234045 **23**-*553,586* PC **E04**/MF **E01**

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PB85-104032 **01**-*500,521* PC **E05**/MF **E01**

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PB85-198711 **18**-*541,050* PC **E04**/MF **E01**

**FOA-C5-85-0003-H2**
Management of Organizational Operations in Dynamic Environments: Towards a Frame of Reference (Ledning av Organisationers Verksamhet i Dynamiska Omgivningar: Pa Vag Mot en Referensram),
PB85-198141 **18**-*539,841* PC **E04**/MF **E01**

**FOA-C5-85-0004-H1**
Studieresa i Vaesttyskland 10-18 Maj 1984. Reflexioner och Slutsatser Betraeffande Skildringar om Tidigare Oeverlevnad i Krigshaeriad och Ockuperad Taetort Samt Nya Planer foer Civilfoersvar och Siaelvskydd (Study Tour in West Germany, May 10-18, 1984. Reflections and Conclusions Concerning Descriptions about Earlier Survival and Rebuilding Together with New Plans for This in Population Centres Devastated by War and under Occupation),
PB85-198158 **18**-*541,367* PC **E03**/MF **E01**

**FOA-C5-85-0005-H4**
International Congress in Israel on Disaster Management (2nd),
PB85-199933 **18**-*540,090* PC **E04**/MF **E01**

**FOA-C5-85-0006-H2**
Rapport oever Utrikes Tjaensteresa till England February 27-March 4, 1984 (Report on a Visit to England February 27-March 4, 1984),
PB85-201341 **18**-*539,681* PC **E04**/MF **E01**

**FOA-C-10246-M5**
Vaesteuropas Ekonomiska Relationer i ett Nord/Syd-Perspektiv; en Studie av de Handelspolitiska Foerbindelserna Mellan EG och den Tredje Vaerlden och EG's Energi- och Ravaruberoende (Western Europe's Economic Relations in a North/South-Perspective; a Study of the Trade Links between the EC and The Third World and EC's Energy and Raw Material Dependence),
PB85-146249 **08**-*515,927* PC **E10**/MF **E01**

**FOA-C-10261-M8**
Dimensionering och Finansiering av Gemensamma Resurser (Supply and Financing of Common Resources),
PB85-145910 **07**-*514,486* PC **E03**/MF **E01**

**FOA-C-10262-M2**
Fangarnas Dilemma: En Oeversikt (Prisoners' Dilemma: A Survey),
PB85-147098 **08**-*517,001* PC **E04**/MF **E01**

**FOA-C-10264-M3**
Middle East and Sweden's Security (Mellanoestern och Sveriges Saekerhet),
PB85-173854 **13**-*528,590* PC **E04**/MF **E01**

**FOA-C-20494-E1**
Tomographic Velocity-Estimation for Crosshole Measurement (Tomografisk Hastighets-Skattning foer Mellanhals-Maetningar),
PB85-169407 **12**-*526,851* PC **E04**/MF **E01**

**FOA-C-20496-D4**
Beskrivning av Kalibreringsapparat foer Piezoelektriska Tryckgivare (Description of a Calibrator for Piezoelectric Pressure Transducers),
PB85-168854 **12**-*527,495* PC **E03**/MF **E01**

**FOA-C-20537-T1**
Seismology 1983: Nuclear Test Ban Verification, Earthquake and Earth Resource Investigation.
N85-11495/7 **04**-*509,959* PC **A05**/MF **A01**

**FOA-C-20542-D1**
Laser for Determining the Ignition Conditions of a Pyrotechnic Mixture.
N85-13230/6 **07**-*515,598* PC **A03**/MF **A01**

**FOA-C-20543-T1**
Seismicity of Southern Sweden.
N85-16340/0 **10**-*521,897* PC **A06**/MF **A01**

Seismicity of Southern Sweden (Jordskalven i Soedra Sverige),
PB85-104271 **01**-*501,243* PC **E06**/MF **E01**

**FOA-C-20544-T1**
Pilot Study of Future Research on Seismic Hazards in Sweden.
N85-11496/5 **04**-*509,029* PC **A04**/MF **A01**

**FOA-C-20545-E3**
Experimental Study with Parameter Variations on a Hydraulic Positioning Servo with Computer Implemented Observer.
N85-11673/9 **04**-*509,791* PC **A04**/MF **A01**

**FOA-C-20546-A3**
Svenska Bostadshus. Skyddsfaktorer foer Stralning Fran Radioaktivt Nedfall (Fallout Gamma-Ray Dose Transmission Factors for Swedish Dwelling-Houses),
PB85-149946 **08**-*517,597* PC **E04**/MF **E01**

**FOA-C-20547-D4**
Spraengattentatet i Fontainebleau (The Act of Explosion Sabotage at the Restaurant Fontainebleau in Stockholm, December 31, 1982),
PB85-121929 **04**-*509,829* PC **E05**/MF **E01**

**FOA-C-20548-D1**
Official Journey to USA, November 1983. Symposium on the Compatibility of Explosives; Mound Laboratory; Naval Surface Weapons Center.
N85-13072/2 **07**-*515,500* PC **A03**/MF **A01**

Tjaensteresa till USA Nov 1983. Symposium om Explosivaemnens Kompatibilitet; Mound Laboratory; Naval Surface Weapons Center (Official Journey to USA Nov 1983. Symposium on the Compatibility of Explosives; Mound Laboratory; Naval Surface Weapons Center).
PB85-104339 **01**-*502,324* PC **E04**/MF **E01**

**FOA-C-20549-D3**
Nondestructive Deceleration of a Rocket Sled.
N85-15771/7 **10**-*522,905* PC **A02**/MF **A01**

Icke Foerstoerande Bromsning av Raketslaede (Non-Destructive Deceleration of Rocket Sled),
PB85-115244 **03**-*506,827* PC **E03**/MF **E01**

**FOA-C-20550-D1**
Laser Ignition of Explosives.
N85-16173/5 **10**-*523,134* PC **A03**/MF **A01**

Laser-Initiering av Explosivaemnen (Laser-Ignition of Explosives),
PB85-123099 **04**-*510,421* PC **E04**/MF **E01**

**FOA-C-20551-D2**

Metallographic Investigation of Rotating Bands for 7.5 cm Artillery Projectiles.
N85-15888/9 **10**-*522,899* PC **A03**/MF **A01**

**FOA-C-20552-D2(E4,F9)**

Impressions from a Study Tour in Finland Concerning Fiber Reinforced Plastics, June 1984.
N85-15831/9 **10**-*522,101* PC **A02**/MF **A01**

Intryck fran tre Studiebesoek i Finland Inom Fiberarmerad Plast, Juni 1984 (Impressions from a Study Tour in Finland within Fibre Reinforced Plastics, June 1984),
PB85-115236 **03**-*506,468* PC **E03**/MF **E01**

**FOA-C-20553-T1**

Yields Estimates of Soviet Nuclear Explosions 1978-79 (Laddningsstyrkebestaemningar av Sovjetiska Kaernladdningar under 1978 och 1979),
PB85-129880 **05**-*512,222* PC **E04**/MF **E01**

**FOA-C-20554-D4**

Tillverkning av Spraengaemneskroppar foer RSV Genom Gjutning Eller Pressning. RSV-Forskningen vid FOA 1972-83. Del I. (Making High Explosive Bodies for Shaped Charges by Casting or Pressing. Shaped Charge Research at FOA in 1972-83. Part I.),
PB85-123107 **04**-*510,149* PC **E04**/MF **E01**

**FOA-C-20554-D4-PT-1**

Making High Explosive Bodies for Shaped Charges by Casting or Pressing. Shaped Charge Research at Research Institute of National Defence (FOA) in 1972 - 1983, Part 1.
N85-15923/4 **10**-*522,900* PC **A03**/MF **A01**

**FOA-C-20555-D1**

Combustion Properties of Fuel-Rich Magnesium Propellants with HTPB as Binder.
N85-15924/2 **10**-*523,133* PC **A03**/MF **A01**

Foerbraenningsegenskaper foer Braenslerika Magnesiumkrut med HTPB som Bindemedel (Combustion Properties of Fuel-Rich Magnesium Propellants with HTPB as Binder),
PB85-127942 **05**-*512,638* PC **E04**/MF **E01**

**FOA-C-20556-E1(D9)**

Vertikal Vaegutbredning i en Skiktad Vaetska samt Ytsignaturer fraen Interna Vaegor (Vertical Wave Propagation in Stratified Fluid and Surface Signatures from Internal Waves),
PB85-122620 **04**-*508,906* PC **E04**/MF **E01**

**FOA-C-20557-D8(E1),**

Accuracy in Calculations of Intervisibility with Digital Terrain Models.
N85-21983/0 **14**-*530,848* PC **A03**/MF **A01**

Beraekning av Sikt med Hjaelp av Terraengmodeller (Accuracy in Calculations of Intervisibility with Digital Terrain Models,
PB85-147031 **08**-*517,362* PC **E04**/MF **E01**

**FOA-C-20558-D6(A3)**

Brandmiljoe i en Kaellare Utanfoer en Skyddsrumsdoerr (Fire Environment in a Basement Outside a Shelter),
PB85-129997 **05**-*512,014* PC **E04**/MF **E01**

**FOA-C-20559-D8(E3)**

NYKINM, a Further Development of KINM 22.
N85-15720/4 **10**-*522,584* PC **A03**/MF **A01**

Nykinm, en Vidareutveckling av KINM22 (Nykinm, a Further Development of KINM22),
PB85-127900 **05**-*510,592* PC **E04**/MF **E01**

**FOA-C-20560-D4(A3)**

Luftstoetvagsbelastade Sandwichvaeggelement (Blast Loading of Sandwich-Wall Panels),
PB85-157097 **10**-*522,907* PC **E04**/MF **E01**

**FOA-C-20561-D4,**

Computerized Study of Rigid Cones Penetrating Aluminum Targets.
N85-20384/2 **14**-*532,553* PC **A04**/MF **A01**

Beraekning av Stela Koniska Projektilers Intraengning i Mal av Aluminium (Computational Study of Rigid Cones Penetrating Aluminum Targets).
PB85-147072 **08**-*517,727* PC **E04**/MF **E01**

**FOA-C-20562-E4**

Pyrophoric Alkylaluminum Compounds in Decoy Flares.
N85-29039/3 **21**-*548,995* PC **A03**/MF **A01**

Pyrofora Alkylaluminiumfoereningar i Motmedelsfacklor (Pyrophoric Alkylaluminium Compounds in Decoy Flares),
PB85-162014 **11**-*525,311* PC **E04**/MF **E01**

**FOA-C-20563-D3,**

Study of HTPB-Based SOFRAM Fuels.
N85-20150/7 **14**-*532,856* PC **A04**/MF **A01**

Studium av HTPB-Baserade Braenslen foer Sofram (A Study of HTPB-Based Sofram Fuels),
PB85-146223 **08**-*518,281* PC **E04**/MF **E01**

**FOA-C-20564-T1**

Nuclear Explosions 1945-1984 (Kaernladdningsexplosioner 1945-1984),
PB85-173862 **13**-*530,018* PC **E03**/MF **E01**

**FOA-C-20566-D2**

Computer Code Ib-Kb for Interior Ballistics of Recoiling and Recoilless Guns.
N85-29602/8 **21**-*549,000* PC **A04**/MF **A01**

IB-KB, ett Datorprogram foer Beraekning av det Innerballistiska foerloppet i Kanoner och Bakblasare (IB-KB, a Computer Code for Interior Ballistics of Recoiling and Recoilless Guns),
PB85-167146 **12**-*527,886* PC **E04**/MF **E01**

**FOA-C-20567-D4**

RSVPEN, en Modell foer en Fragmenterad RSV-Strales Penetration (RSVPEN, a Model for the Penetration of a Particulated Jet from a Shaped Charge),
PB85-196822 **17**-*539,240* PC **E04**/MF **E01**

**FOA-C-20568-D8**

Dimensioneringsstudien, Rapport fran Foerstudie, Del 2. Hotbild och Miljoeunderlag (Dimensional Study, Report from a Preliminary Study, Part 2. Analysis of Threats and Environmental Factors),
PB85-212678 **20**-*546,016* PC **E05**/MF **E01**

**FOA-C-20569-D9**

Hole Cutting in Building Frames by Laser.
N85-33487/8 **26**-*561,182* PC **A03**/MF **A01**

Haltagning i Byggnadsstommar med Laserteknik (Hole Cutting in Building Frames by Laser),
PB85-196764 **17**-*538,593* PC **E04**/MF **E01**

**FOA-C-20572-T1**

Seismicity of Southern Sweden, 1979-1984, Final Report (Seismiciteten i Soedra Sverige 1979-1984, Slutrapport),
PB85-238962 **25**-*558,114* PC **E04**/MF **E01**

**FOA-C-20573-D1(D3)**

Aldring av Raketmotorer (Ageing of Rocket Motors),
PB85-234029 **23**-*554,519* PC **E04**/MF **E01**

**FOA-C-20574-D6-D4**

Betong som Splitterskydd: Skjutfoersoek pa Plattor av Olika Betongmaterial (Concrete as Protection Against Fragment: Firing Tests Against Concrete Slabs of Different Design),
PB85-238947 **24**-*556,018* PC **E04**/MF **E01**

**FOA-C-20575-D6**

Brandgasventilation av Trapphus Genom Taklucka (Ventilation of Fire Gases in a Stairwell),
PB85-238905 **24**-*556,101* PC **E04**/MF **E01**

**FOA-C-20576-D4**

Densitet: Kvalitetsbedoemning av Pressade och Gjutna Spraengaemnen (Density: A Method for Testing Pressed and Cast Explosives),
PB85-238939 **24**-*556,561* PC **E04**/MF **E01**

**FOA-C-30358-E2**

Radio Spectrum Conservation Technique.
N84-33653/6 **01**-*502,088* PC **A03**/MF **A01**

**FOA-C-30360-E1**

Apparatus for the Determination of Ion Drift in MIS Structures.
N84-34301/1 **01**-*501,980* PC **A03**/MF **A01**

**FOA-C-30362-E**

Digital Radio Link: Comparison of the Resistance of Two Different 4-Phase Modulation Forms to Multipath Propagation.
N85-11291/0 **04**-*509,931* PC **A02**/MF **A01**

**FOA-C-30363-E1**

Scintillometer for Measuring Atmospheric Turbulence.
N84-33785/6 **01**-*501,976* PC **A04**/MF **A01**

**FOA-C-30364-E2**

Digital Radio Link: Wave Propagation Measurements Using Narrow Band Technique.
N85-13152/2 **07**-*515,291* PC **A03**/MF **A01**

Digital Radiolaenk: Vagutbrednings-Maetningar med Smalbandsteknik (Digital Radio Link: Wave Propagation Measurements Using Narrow Band Technique),
PB85-104248 **02**-*504,568* PC **E04**/MF **E01**

**FOA-C-30365-A3**

Effects of Transient Ionizing Radiation in Various Generations of TTL-Circuits in the 54/74 Series.
N84-33736/9 **01**-*501,379* PC **A05**/MF **A01**

**FOA-C-30366-E1**

Programmer's Guide for ASKF 77: A Tool for Programming of Dialogs in Fortran and Pascal.
N85-11585/5 **04**-*509,126* PC **A03**/MF **A01**

**FOA-C-30367-E4**

Radiation Temperature of a Cloud of Particles.
N85-17497/7 **11**-*523,371* PC **A03**/MF **A01**

Radiation Temperature of a Cloud of Particles (Stralningstemperaturen Hos ett Partikelmoln),
PB85-115210 **03**-*506,826* PC **E04**/MF **E01**

**FOA-C-30368-E1,E4**

Data Handling for the Spectral Radiometer (SPERAD).
N85-16145/3 **10**-*522,490* PC **A03**/MF **A01**

Data Handling for the Sperad Radiometer (Databehandling foer Radiometern Sperad).
PB85-104255 **01**-*502,001* PC **E04**/MF **E01**

**FOA-C-30369-E1**

Digital Image Processing; Report from a Conference and Study Trip to the USA and Canada, Summer 1984.
N85-13153/0 **07**-*514,821* PC **A03**/MF **A01**

Digital Bildbehandling: Reserapport fran en Konferens- och Studiebesoeksresa till USA och Kanada Sommaren 1984 (Digital Image Processing: Report from a Conference and Study Journey in USA and Canada 1984).
PB85-115202 **03**-*506,177* PC **E04**/MF **E01**

**FOA-C-30370-E1**

Extraction of Structural Information from Radar Signals.
N85-17292/2 **11**-*524,927* PC **A04**/MF **A01**

Extraction of Structural Information from Radar Signals (Extraktion av Strukturell Information ur Radarsignaler),
PB85-104024 **02**-*504,585* PC **E04**/MF **E01**

**FOA-C-30371-E1**

Advanced Technology for Hydrographic Mapping.
N85-17418/3 **11**-*524,070* PC **A09**/MF **A01**

Advanced Technology for Hydrographic Mapping (Avancerad Teknologi foer Hydrografisk Kartlaeggning),
PB85-122844 **04**-*509,026* PC **E09**/MF **E01**

**FOA-C-30372-A3**

Pulse Injection on a Power Cable Penetrating a Shielding Wall by Feed-Through Capacitors.
N85-13171/2 **07**-*514,793* PC **A03**/MF **A01**

Pulsinjicering pa Transientskydd Innehallande Genomfoeringskondensator (Pulse Injection on a Power Cable Penetrating a Shielding Wall by Feed-Thru Capacitors),
PB85-104016 **02**-*503,778* PC **E04**/MF **E01**

**FOA-C-30374-E1**

Modern Signal Processing and Reconnaissance.
N85-15975/4 **10**-*522,517* PC **A06**/MF **A01**

Resa i USA 19 Augusti - 9 September 1983 foer Laegesuppfoeljning inom Omradena Signalbehandling och Spaning (Journey in the USA 19 August - 9 September 1983 Concerning Modern Signal Processing and Reconnaissance),
PB85-127967 **05**-*511,507* PC **E06**/MF **E01**

**FOA-C-30375-E1**

Hurra, a High Resolution Experimental Radar System Broadband Receiver.
N85-29132/6 **21**-*548,816* PC **A04**/MF **A01**

HURRA: Ett Hoeguppleosande Experimentradarsystem Bredbandig Mottagare (HURRA: A High Resolution Experimental Radar System Broadband Receiver).
PB85-163822 **11**-*524,931* PC **E05**/MF **E01**

**FOA-C-30376-E1**

Hurra High Resolution Experimental Radar System Sampling Unit.
N85-29133/4 **21**-*548,817* PC **A03**/MF **A01**

HURRA: Ett Hoeguppleosande Experimentradarsystem. Registreringsenheten (HURRA: A High Resolution Experimental Radar System. Sampling Unit),
PB85-160547 **10**-*522,587* PC **E04**/MF **E01**

**FOA-C-30377-E**

Microwave Tubes: Literature Survey No. 5 Comprising Year 1983.
N85-25739/2 **18**-*540,558* PC **A08**/MF **A01**

Microwave Tubes: Literature Survey No. 5 Comprising Year 1983 (Mikrovagsroer: Litteraturoeversikt nr 5, Omfattande ar 1983),
PB85-147593 **08**-*516,584* PC **E08**/MF **E01**

**FOA-C-30379-E1,E2,E3,E4**

Infrared Absorption of Oxygen Complexes in Electron-Irradiated Silicon.
N85-32015/8 **23**-*554,318* PC **A03**/MF **A01**

**FOA-C-30379-E1/E4**

Infrared Absorption of Oxygen Complexes in Electron-Irradiated Silicon (Infraroed Absorption av Syrekomplex i Electron-Bestralat Kisel),
PB85-159135 **11**-*524,046* PC **E04**/MF **E01**

**FOA-C-30380-E2**

Bivariate Rayleigh Distribution: Formulas and Curves, for Correlation Computing Using the Distribution Function.
N85-31901/0 **23**-*553,232* PC **A03**/MF **A01**

Tvadimensionell Rayleigh-Foerdelning. Formler och Kurvor bl a foer Maetning av Korrelationen med Hjaelp av Foerdelningsfunktionen (Bivariate Rayleigh Distribution),
PB85-198166 **18**-*540,922* PC **E04**/MF **E01**

**FOA-C-30381-E1**

Digital Signal Processing for Spaceborne Synthetic Aperture Radar.
N85-31364/1 **23**-*553,815* PC **A05**/MF **A01**

Digital Signal Processing for Spaceborne Synthetic Aperture Radar (Digital Signalbehandling foer Satellitburen Syntetisk Apertur Radar),
PB85-174142 **13**-*529,209* PC **E05**/MF **E01**

**FOA-C-30382-A3**

Sapiens Memo 8: Electromagnetic Properties of the EMP Simulator Sapiens.
N85-31365/8 **23**-*553,668* PC **A03**/MF **A01**

SAPIENS Memo 8: Elektromagnetiska Egenskaper hos EMP-Simulatorn SAPIENS (SAPIENS Memo 8: Electromagnetic Characteristics of the EMP Simulator SAPIENS),
PB85-196814 **17**-*539,508* PC **E04**/MF **E01**

**FOA-C-30383-E,**

Distributed Gunn Effect Devices; A Numerical Analysis of Microstrip Circuits on Thin Active GaAs Substrates.
N85-21527/5 **14**-*531,644* PC **A03**/MF **A01**

**Distribuerade Gunneffektkomponenter: En Numerisk Analys av Mikrostripkretsar pa Tunna Aktiva GaAs Substrat** (Distributed Gunneffect Devices: A Numerical Analysis of Microstrip Circuits on Thin Active GaAs Substrates),
PB85-147130 **08**-*516,707* PC **E04**/MF **E01**

**FOA-C-30384-E1**

Activities Report of the Laboratory for Computer Science (Foa 32).
N85-31861/6 **23**-*552,821* PC **A03**/MF **A01**

**FOA-C-30385-E4**

Sensitivity of Compressive Receivers.
N85-33288/0 **26**-*561,327* PC **A02**/MF **A01**

Kaenslighetsberaekning foer Kompressionsmottagare (Sensitivity of Compressive Receivers),
PB85-192300 **17**-*538,791* PC **E03**/MF **E01**

**FOA-C-30386-E2**

· Digital Radiolaenk: Metod och Maetsystem foer Studium av Radiokanalen vid Frekvensselektiv Faedning (Digital Radio Link: A Method and Measuring System Designed for a Study of the Radiochannel during Frequency Selective Fading),
PB85-210490 **19**-*543,779* PC **E04**/MF **E01**

**FOA-C-30387-E1**

Hierarchical Chamfer Matching.
N85-33558/6 **26**-*560,692* PC **A05**/MF **A01**

Hierarchical Chamfer Matching (Hierarkisk Chamfermatchning),
PB85-203669 **18**-*540,643* PC **E05**/MF **E01**

**FOA-C-30389-E3**

Studier av Malsoekaralgoritmer i Bildalstrande IR-Sensorteknik mot Ytmal (Studies of Seeker Algorithms for IR-Sensors Against Surface Targets),
PB85-234037 **23**-*553,795* PC **E04**/MF **E01**

**FOA-C-30390-E2**

Frekvenshoppradio foer Kortvag: Laegesrapport foer ett Experimentsystem (Frequency-Hopping Radio for HF: An Experimental System),
PB85-245538 **26**-*561,342* PC **E03**/MF **E01**

**FOA-C-30391-E1/E3**

Microelectronic Image Sensors: A Status Report from the CTD-Team at FOA 3,
PB85-212785 **20**-*545,194* PC **E05**/MF **E01**

**FOA-C-30392-E1**

Erfarenheter av Cray-1 (Experiences of Cray-1),
PB85-223865 **21**-*547,974* PC **E04**/MF **E01**

**FOA-C-30393-E1**

Optiska Superdatorer och Magiska Speglar: Rapport Fran ICO-13 i Sapporo 1984-08-20--24 (Optical Supercomputers and Magic Mirrors: Report from ICO-13 in Sapporo August 1984),
PB85-234060 **23**-*552,849* PC **E04**/MF **E01**

**FOA-C-30394-E1**

Elektrooptisk Flygspaningskamera: Foersoekssystem och Simulering av Spaningssituation (Electro-Optical Air Reconnaissance Camera: An Experimental System Used in a Simulated Reconnaissance Environment),
PB85-241784 **26**-*561,311* PC **E04**/MF **E01**

**FOA-C-30395-E1**

Object Recognition Using the Hierarchical Chamfer Matching Algorithm (Objektigenkaenning med Hjaelp av den Hierarkiska Chamfermatchningsalgoritmen),
PB85-247096 **26**-*560,709* PC **E03**/MF **E01**

**FOA-C-30399-A3**

Sapiens Memo 9: Elektriska Faeltets Beroende av Avslutningens Induktans (Sapiens Memo 9: Dependence of the Electric Field on the Inductance of the Termination),
PB85-241792 **26**-*561,934* PC **E04**/MF **E01**

**FOA-C-30400-E**

Advances in High Frequency Applications of Superconducting Tunnel Junctions (Utvecklingen inom Hoegfrekvensapplikationer av Supraledande Tunneloevergangar),
PB85-245520 **26**-*560,737* PC **E03**/MF **E01**

**FOA-C-40186-B4**

Conditions for Microbial Growth in the FILTRA Steam Absorption Tower. A Study in Model Systems.
DE84702987 **03**-*507,028* PC **A02**/MF **A01**

**FOA-C-40189-B4-PT-1**

Method for Evaluation of Petroleum Products Corrosivity Using Piezoelectric Crystals, Part 1.
N84-33611/4 **01**-*501,071* PC **A03**/MF **A01**

**FOA-C-40191-C3**

Stability of Atropine, Stored in the Swedish Autoinjector.
N84-34127/0 **01**-*500,820* PC **A02**/MF **A01**

**FOA-C-40194-B2**

Function of a Device for Detection of Biological Aerosols in Field Testing.
N85-31782/4 **23**-*553,679* PC **A03**/MF **A01**

Funktion av Bakterieaerosoldetektor vid Provning i Faelt (Function of Device for Detection of Biological Aerosols in Fieldtesting),
PB85-169118 **13**-*529,836* PC **E04**/MF **E01**

**FOA-C-40195-C1-H1**

PH-Indicators for Low-Temperature Application (PH Indikatorer foer Anvaendning vid Laegre Temperaturer),
PB85-198174 **18**-*540,294* PC **E03**/MF **E01**

**FOA-C-40196-B4**

Problem vid Lagring av Tjockolja i Bergrum. 1. Probleminventering (Problems in Connection with Storage of Heavy Fuel Oil. 1. Description of the Problems),
PB85-104289 **01**-*502,729* PC **E04**/MF **E01**

**FOA-C-40197-C2**

Respiratory Protection for Children 3 - 6 Years of Age.
N85-11550/9 **04**-*508,612* PC **A03**/MF **A01**

**FOA-C-40198-B4**

Method for Evaluating Petrol Products Corrosivity Using Piezoelectric Crystals. Part 2: Instruction Manual.
N85-13073/0 **07**-*515,669* PC **A02**/MF **A01**

Korrosionsmaetmetod foer Petroleumprodukter Utnyttjande Piezoelektriska Kristaller. 2. Handledning (Method for Evaluation of Petroleum Products Corrosivity Using Piezoelectric Crystals. Part 2. Instruction Manual),
PB85-103992 **02**-*504,083* PC **E03**/MF **E01**

**FOA-C-40199-B1**

Efficiency Tests of Samplers for Microbiological Aerosols, a Review.
N85-31783/2 **23**-*553,680* PC **A03**/MF **A01**

Effektivitetstestning av Provtagare foer Mikrobiologiska Aerosoler - En Oeversikt (Efficiency Tests of Samplers for Microbiological Aerosols - A Review),
PB85-163780 **11**-*523,836* PC **E04**/MF **E01**

**FOA-C-40200-C2**

Teori och Metod vid Utprovning av Andningsskydd foer Barn (Theories and Methods for Evaluation of Respiratory Protective Devices for Children),
PB85-104008 **01**-*500,834* PC **E04**/MF **E01**

**FOA-C-40201-B2**

Investigation of Variation in the Concentration of Bacteria in Outdoor Testing, with the Use of a Detector for Aerosols of Bacteria.
N85-31784/0 **23**-*553,681* PC **A02**/MF **A01**

Undersoekning av Variation i Bakteriekoncentration vid Utomhusprovtagningar med Anvaendande av Bakterieaerosoldetektor (Investigation of Variation in the Concentration of Bacteria at Outdoor Testing with the Use of a Detector for Aerosols of Bacteria),
PB85-199925 **18**-*541,344* PC **E03**/MF **E01**

**FOA-C-40202-B3**

Duct-ELISA. Ett Saett att Identifiera Laga Halter 'Francisella tularensis' (Duct ELISA. A New Technique to Identify Low Numbers of 'Francisella tularensis'),
PB85-147106 **08**-*517,122* PC **E03**/MF **E01**

**FOA-C-40203-B4**

Microbial Aspects on Oil-Storage in Rock Caverns (Mikrobiella Aspekter pa Lagring av Olja i Bergrum),
PB85-163798 **11**-*525,795* PC **E04**/MF **E01**

**FOA-C-40204-B4**

Mikrobiella Foerlopp i Slutfoervaret. Delrapport 2 (Microbial Processes in the Final Repository for Low- and Intermediate-Level Wastes. Part 2),
PB85-173961 **13**-*530,668* PC **E04**/MF **E01**

**FOA-C-40205-B2**

Automatisk Snabbindikering av Bakterier i Vatten (Automatic Rapid Detection of Bacteria in Water),
PB85-203651 **18**-*541,174* PC **E04**/MF **E01**

**FOA-C-40206-C3**

Distribution av Diisopropylfluorofosfat (DFP) i Moess: En Autoradiografisk Undersoekning (Distribution of Diisopropylfluorophosphate (DFP) in Mice: An Autoradiographic Study),
PB85-169167 **13**-*528,830* PC **E03**/MF **E01**

**FOA-C-40207-C2**

Sanering av Stridsfordon med Jetmotor (Decontamination of Combat Vehicles with a Jet-Engine Exhaust),
PB85-210482 **19**-*543,726* PC **E04**/MF **E01**

**FOA-C-40208-C1(C2)**

Prototype Test Chamber for Fit Testing of Protective Masks in the Field.
N85-31834/3 **23**-*552,338* PC **A02**/MF **A01**

Foerslag till Faeltmaessig Provkammare foer Tillpassningskontroll av Skyddsmask (Prototype Test Chamber for Fit Testing of Protective Masks in the Field),
PB85-168185 **12**-*527,494* PC **E03**/MF **E01**

**FOA-C-40209-C,B2**

Solid Surface Characterization by Contact Angle Measurements.
N85-31483/9 **23**-*553,672* PC **A03**/MF **A01**

**FOA-C-40209-C2-B2**

Kontaktvinkelmaetning. En Metod att Karakterisera Fasta Ytor (Solid Surface Characterization by Contact Angle Measurements),
PB85-168888 **13**-*529,835* PC **E04**/MF **E01**

**FOA-C-40211-B4**

Metod foer Bestaemning av Elementaert Svavel i Jetbraensle (Analytical Method for Determination of Elemental Sulfur in Jet Fuel),
PB85-223840 **22**-*550,358* PC **E04**/MF **E01**

**FOA-C-40212-C1/C3-H1**

Bhopal Catastrophe: Consequences of a Liquified Gas Discharge (Katastrofen i Bhopal: Foeljderna av ett Utslaepp av en Kondenserad Gas),
PB85-196806 **17**-*538,655* PC **E04**/MF **E01**

**FOA-C-40214-C3**

Apoatropin - En Moejlig Nedbrytningsprodukt vid Lagring av Atropin (Apoatropine - A Possible Decomposition Product on Storage of Atropine),
PB85-203644 **18**-*540,256* PC **E04**/MF **E01**

**FOA-C-40215-B4**

Inhibering av Mikrobiell Aktivitet vid Oljelagring. Litteraturstudie och Inledande Foersoek (Inhibition of Microbial Activity in Oil Storage Facilities. A Literature Survey and Initial Experiments),
PB85-223832 **22**-*550,369* PC **E04**/MF **E01**

**FOA-C-50007-H2**

GRAL: Ett Grafiskt System foer Presentation av Laegeskartor (GRAL: A Graphic System for Situational Maps),
PB85-233286 **23**-*552,848* PC **E05**/MF **E01**

**FOA-C-50008-H1**

Rapport fran Underwater Engineering Symposium i Aberdeen 7-8 November 1984 (Report from Underwater Engineering Symposium in Aberdeen 7-8 November 1984),
PB85-233971 **23**-*553,584* PC **E04**/MF **E01**

**FOA-C-50009-H3**

Kartlaeggning av Attityder: En Analys av Uppfattningen om Olika Aspekter pa Livet i Nagra Vaestlaender (Mapping of Attitudes: An Analysis of Views on Different Aspects of Life in Some Western Countries),
PB85-233989 **23**-*552,206* PC **E03**/MF **E01**

**FOA-C-50010-H2**

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PB85-234078 **23**-*552,207* PC **E04**/MF **E01**

**FOA-C-50011-H1**

Mentala Sjukdomar och Handikapp av Betydelse foer Svensk Civilbefolkning vid Krigstillstand (Mental Diseases and Handicap of Importance to a Swedish Civil Population at War),
PB85-246171 **25**-*557,591* PC **E03**/MF **E01**

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Dialogsystem foer PDP-11 (Dialogue System for PDP-11),
PB85-245496 **26**-*560,704* PC **E03**/MF **E01**

**FOA-C-50013-H1**

Foerekomst av Svamp, Saerskilt Ljumsk-, fot- och Nagelsvamp i Militaera Persedlar: Orienterande Studier Oever Rengoering (Occurrence of Fungi, Especially Fungi of Groin, Foot and Nails, in Military Equipment: Preliminary Studies on Cleaning),
PB85-245504 **25**-*557,684* PC **E03**/MF **E01**

**FOA-C-50014-H3**

Beskrivning och Analys av Civilfoersvarets Grundutbildning. Del 1. Utgangspunkter (Description and an Analysis of the Basic Training System in the Civil Defence. Part 1. Starting Points),
PB85-248482 **25**-*557,593* PC **E04**/MF **E01**

**FOA-C-50015-H3**

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PB85-248508 **25**-*557,595* PC **E04**/MF **E01**

**FOA-C-50017-H3**

Beskrivning och Analys av Civilfoersvarets Grundutbildning. Del 4. Foerslag foer att Utveckla Civilfoersvarets Utbildning (Description and an Analysis of the Basic Training System in the Civil Defence. Part 4. Recommendations to Develop the Training of the Civil Defence),
PB85-248532 **25**-*557,598* PC **E03**/MF **E01**

**FOA-C-50018-H3**

Beskrivning och Analys av Civilfoersvarets Grundutbildning. Del 3. Resultat. Analysbilaga 1. Beskrivning och Analys av Yttre Gestalter i Fack- och Befattningskurser (Description and an Analysis of the Basic Training System in the Civil Defence. Part 3. Results. Analysis Appendix 1),
PB85-248516 **25**-*557,596* PC **E04**/MF **E01**

**FOA-C-50019-H3**

Beskrivning och Analys av Civilfoersvarets Grundutbildning. Del 3. Resultat. Analysbilaga 2. Beskrivning och Analys av Laerares Foerestaellningar och Tolkningar (Description and an Analysis of the Basic Training System in the Civil Defence. Part 3. Results. Analysis Appendix 2),
PB85-246551 **25**-*557,592* PC **E04**/MF **E01**

**FOA-C-50020-H3**

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PB85-248524 **25**-*557,597* PC **E03**/MF **E01**

**FOA-C-52006-H4-D7,**

Biological Effects of Blast and Impact Waves.
N85-21968/1 **14**-*531,266* PC **A05**/MF **A01**

**FOA-C-53015-H2**

Dynamic Decision Making.

N85-13668/7 **07**-*515,055* PC **A03**/MF **A01**

Dynamiskt Beslutsfattande (Dynamic Decision Making),
PB85-105450 **02**-*503,153* PC **E04**/MF **E01**

**FOA-C-53018-H2**

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Activities Report for Foa 53: Laboratory for Man and Information Systems.
N85-26150/1 **18**-*540,621* PC **A02**/MF **A01**

**FOA-C-53020-H2**

Correlations between Selection Ratings and Success as Army Aviators.
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PB85-157105 **10**-*521,314* PC **E04**/MF **E01**

**FOA-C-54055-H1**

Man's Physical Tolerance to Heat. Heat Storage, Burn Injury.
N85-11533/5 **04**-*508,667* PC **A04**/MF **A01**

**FOA-C-54056-H1**

SHELTER: En Beraekningsmodell foer Klimat i Skyddsrum (SHELTER: A Model for Calculating Climate in Shelters),
PB85-122265 **04**-*509,830* PC **E05**/MF **E01**

**FOA-C-54057-H1**

Vilda Vaexters Anvaendning som Foeda i Krissituationer. En Foerstudie oever Moejligheter och Begraensningar (Use of Wild Plants in Times of Crises. A Survey over Possibilities and Limitations),
PB85-122257 **04**-*508,459* PC **E04**/MF **E01**

**FOA-C-54058-H1**

Comparison Between Cycle Ergometers with Different Mechanical Braking Systems.
N85-16193/3 **10**-*522,492* PC **A03**/MF **A01**

Jaemfoereise mellan Cykelergometrar med olika Mekaniska Bromssystem (Comparison between Cycle Ergometers with Different Mechanical Braking Systems),
PB85-122273 **04**-*508,420* PC **E04**/MF **E01**

**FOA-C-54059-H1**

Baerandet av Last i Militaerhistoriskt och Fysiologiskt Perspektiv - En Litteraturstudie (Military History and Physiology of Load Carriage - A Survey of Literature,
PB85-145894 **07**-*514,666* PC **E04**/MF **E01**

**FOA-C-55063-H3**

Perception of Enemy Threat: A Method for Assessing the Coping Potential (Perception av Hotet Fran en Inkraektare - En Method foer Maetning av Handlingspotential),
PB85-103976 **01**-*500,548* PC **E04**/MF **E01**

**FOA-C-55064-H3**

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PB85-105468 **01**-*500,549* PC **E04**/MF **E01**

**FOA-C-55065-H3**

Aer Det Bra om 54% Tycker Att Det Aer Bra (Is It Satisfactory if 54% Think It Is Satisfactory),
PB85-145852 **09**-*518,589* PC **E04**/MF **E01**

**FOA-C-55066-H3**

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**FOA-C-56043-H2**

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PB85-159622 **10**-*521,262* PC **E04**/MF **E01**

**FOA-C-58014-H1**

Experiments with Hydrox at 1.3 Mpa (13 ATM).
N85-13471/6 **07**-*514,622* PC **A07**/MF **A01**

Experiment med Hydrox (Hydrogen-Oxygen) pa 1,3 MPa (13 atm) (Experiments with Hydrox (Hydrogen-Oxygen) pa 1,3 MPa (13 atm),
PB85-104453 **01**-*500,868* PC **E06**/MF **E01**

**FOA-C-58015-H1**

Hydrogen-Oxygen (Hydrox) Breathing at 1.3MPA.
N85-18577/5 **12**-*526,536* PC **A06**/MF **A01**

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PB85-145951 **08**-*516,259* PC **E06**/MF **E01**

**FOA-C-59011-H1**

Water Vapor Resistances of Some Clothing Assemblies Used by Flying Personnel of the Swedish Armed Forces: A Series of Model Studies.
N85-11551/7 **04**-*508,613* PC **A03**/MF **A01**

**FOA-C-59012-H1**

Testing of Three Different Flight Suits in Fire Environment.
N85-11552/5 **04**-*508,614* PC **A04**/MF **A01**

**FOA-C-60017-H1**

Ej Tjaenstbara Vaernpliktiga Foedda 1953 (Unserviceable Conscripts Born in 1953),
PB85-238954 **24**-*554,882* PC **E04**/MF **E01**

**FOA-E-10000-W1**

Framtid foer Fjaerrvaerme (Future for District Heating),
PB85-176030 **14**-*532,000* PC **E05**/MF **E01**

**FOA-E-30001-A3**

EMP Injection on Conduit Entries, Type Brattberg.
N85-11290/2 **04**-*510,002* PC **A02**/MF **A01**

**FOA-E-30003-A3,**

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N85-21484/9 **14**-*531,643* PC **A02**/MF **A01**

EMP-Injicering pa Kabelgenomfoering Typ ERA. EMP Memo nr 10 (EMP Injection on Conduit Entries, Type ERA. EMP Memo No. 10),
PB85-156057 **10**-*521,989* PC **E03**/MF **E01**

**FOA-E-30005-E2**

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PB85-247252 **26**-*560,864* PC **E03**/MF **E01**

**FOA-E-40014**

Undersoekning av Moejligheterna att Tillverka Aktivt Kol ur Inhemska Ravaror (Investigation of the Possibilities to Produce Active Carbon from Domestic Raw Products),
PB85-129864 **06**-*513,210* PC **E03**/MF **E01**

**FOA-E-40015**

Undersoekning av Moejligheterna att Tillverka Kimroek ur Inhemska Ravaror (Investigation of the Possibilities to Produce Carbon Black from Domestic Raw Products),
PB85-129872 **06**-*513,211* PC **E03**/MF **E01**

**FOA-E-40016**

Torv som Ravara foer Utvinning av Kemikalier (Peat as a Raw Material for Chemicals),
PB85-127959 **05**-*512,622* PC **E04**/MF **E01**

**FOA-E-40018**

Organic Air Pollutants During Manufacturing and Handling of PVC Floor Tiles.
N85-31669/3 **23**-*553,418* PC **A05**/MF **A01**

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N85-33616/2 **26**-*561,057* PC **A04**/MF **A01**

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PB85-199917 **16**-*541,155* PC **E04**/MF **E01**

**FOA-E-40020**

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PB85-234052 **23**-*552,049* PC **E04**/MF **E01**

**FOK-TR-R-84-057**

In-Orbit Experiments on IRAS for Application to the ISO Satellite.
N85-12078/0 **06**-*514,304* PC **A06**/MF **A01**

**FOP-1-85**

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PB85-168409 **12**-*525,926* PC **A04**/MF **A01**

**FOP-2-85**

World Oilseed Situation and U.S. Export Opportunities, February 1985.
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**FOP-3-85**

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**FOP-4-85**

World Oilseed Situation and U.S. Export Opportunities, April 1985.
PB85-196939 **17**-*537,279* PC **A04**/MF **A01**

**FOP-5-85**

World Oilseed Situation and U.S. Export Opportunities, May 1985.
PB85-215366 **20**-*544,675* PC **A05**/MF **A01**

**FOP-6-85**

World Oilseed Situation and U.S. Export Opportunities, June 1985.
PB85-226223 **22**-*549,548* PC **A05**/MF **A01**

**FOP-7-85**

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PB85-239234 **24**-*554,604* PC **A04**/MF **A01**

**FOP-8-84**

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PB85-111565 **02**-*502,814* PC **A04**/MF **A01**

**FOP-9-84**

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**FOP-10-84**

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PB85-119741 **04**-*507,957* PC **A04**/MF **A01**

**FOP-11-84**

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**FOP-12-84**

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**FPA-83-7**

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**FPL-0249**

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AD-A151 924/8 **13**-*529,530* PC **A02**/MF **A01**

**FPL-456**

Steam-Injection Pressing of Isocyanate-Bonded Aspen Flakeboards, Latitudes and Limitations,
AD-A157 833/5 **24**-*556,050* PC **A02**/MF **A01**

**FPRC-83-M-1**

Evaluation of Cylinder, Solenoid Valve and Servovalve Contaminant Sensitivity.
AD-A155 025/0 **18**-*541,237* PC **A10**/MF **A01**

**FR-32**

Methods for Improving Highway Financing in Iowa.
PB85-174670 **14**-*532,063* PC **A05**/MF **A01**

**FR-79-76-595**

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**FR-84-146/EED**

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PB85-242139 **25**-*558,675* PC **A08**/MF **A01**

**FR-85-11/ATD**

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AD-A152 013/9 **13**-*530,280* PC **A03**/MF **A01**

**FR-85/ONR-19**

Role of Prior Knowledge in Operating Equipment from Written Instructions.
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N85-16325/1 **10**-*521,026* PC **A03**/MF **A01**

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**FR2213U/4577**

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AD-A157 106/6 **23**-*553,746* PC **A07**/MF **A01**

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**-FRA-EE-TDC---0052**
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**FRNC-TH-1720**

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**FRNC-TH-1731**

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DE85751178 **25**-*557,300* PC **A14**/MF **A01**

**FRNC-TH-1769**

Superficial Evolution and Compacting Aptitude of Uranium Dioxide Powders.
DE85750933 **17**-*538,881* PC **A04**/MF **A01**

**FRNC-TH-1770**

Experimental Study of Once Ionized Helium P alpha Line Shift. Plasma Polarization Effect.
DE85751180 **25**-*559,708* PC **A07**/MF **A01**

**FRNC-TH-1775**

Photodissociation of Water Molecule. Photoreduction of Carbon Dioxide Molecule.
DE85751287 **25**-*558,022* PC **A22**

**FRNC-TH-1818**

Interstellar Origin Atomic Hydrogen in the Solar System: Modelling and Application to Analysis of Lyman alpha Result (Intensity and Line Profile) from Prognoz 5 and 6 Satellites.
DE85751179 **25**-*557,284* PC **A10**/MF **A01**

**FRNC-TH-1819**

Three Experimental Tests of Bell's Inequalities by Measurement of Polarization Correlation of Photons.
DE85751067 **19**-*544,242* PC **A16**/MF **A01**

**FRNC-TH-1820**

Evidence and Analysis of Radioresistance Induced by Protracted gamma Irradiation of Chlorella Pyrenoidosa Chick, Green Unicellular Alga.
DE85751190 **25**-*557,820* PC **A07**/MF **A01**

**FRNC-TH-1821**

Study of Paramagnetic Contrast Agents for NMR Imaging: Theoretical and Experimental Aspects (The Case of MN exp + 2 Ion).
DE85751174 **25**-*557,667* PC **A07**/MF **A01**

**FRNC-TH-1874**

Application of Radioactive Procedures to PWR Instrumentations.
DE85751269 **25**-*559,266* PC **A09**/MF **A01**

**FRNC-TH-1875**

Achievement of a Training Simulator for PWR Power Plant: Application to Control Parametric Studies.
DE85751270 **25**-*559,267* PC **A10**/MF **A01**

**FRNC-TH-1876**

Thermal Study of a Facility for Dry Storing Bare Irradiated PWR Fuel Elements.
DE85751156 **25**-*559,162* PC **A05**/MF **A01**

**FRNC-TH-1879**

Synthesis of New Polyphosphonic Acids, Uranium Extracting Agents in a Phosphoric Medium.
DE85751189 **25**-*557,894* PC **A05**/MF **A01**

**FRNC-TH-1891**

Towards the Observation of the Magnetic Structure of Solid sup 3 He.
DE85751576 **20**-*546,997* PC **A06**/MF **A01**

**FRNC-TH-1892**

Evidence for Vitreous Type Orientational Ordering in Solid Hydrogen and Deuterium.
DE85751579 **20**-*546,998* PC **A10**/MF **A01**

**FRNC-TH-1893**

Study of Irradiation Defects in GaAs.
DE85751319 **21**-*549,008* PC **A08**/MF **A01**

**FRNC-TH-1899**

Analysis and Development of Methods of Correcting for Heterogeneities to Cobalt-60: Computing Application.
DE85751173 **25**-*557,819* PC **A09**/MF **A01**

**FRNC-TH-1901**

Dosimetry by Stimulated Exoelectronic Emission of Apatites and Dental Biomaterials.
DE85751172 **25**-*558,987* PC **A06**/MF **A01**

**FRNC-TH-1905**

Non Linear Identification Applied to PWR Steam Generators.
DE85751556 **21**-*548,946* PC **A08**/MF **A01**

**FRNC-TH-1907**

Expert System for Fast Reactor Diagnostic.
DE85751231 **24**-*556,506* PC **A06**/MF **A01**

**FRNC-TH-1916**

Study of the F sub 2 Structure Function by Muon Deep Inelastic Scattering on Carbon Target.
DE85780899 **20**-*546,824* PC **A07**/MF **A01**

**FRNC-TH-1917**

Electron Optics Properties of Field Emission Tetrode Guns and of a Linear Accelerator.
DE85752046 **26**-*561,778* PC **A07**/MF **A01**

**FRNC-TH-1918**

Study and Characterization of a Phosphorous Ion Source and Development of a Emittancemeter Suited to Multi-Beam Ion Sources.
DE85751343 **20**-*545,885* PC **A05**/MF **A01**

**FRNC-TH-1920**

Measurement of Photonuclear Cross Sections from 30 to 140 MeV for Intermediate and Heavy Mass Nuclei (Sn, Ce, Ta, Pb and U).
DE85751937 **25**-*559,622* PC **A14**/MF **A01**

**FRNC-TH-1922**

Very Low Frequency Valuation of a Modulated Beam of Electrons: An Application to the ARAKS Experiment.
DE85752043 **26**-*560,098* PC **A06**/MF **A01**

**FRNC-TH-1934**

Low Temperature Irradiation Effects on Iron Boron Based Amorphous Metallic Alloys.
DE85751233 **24**-*555,782* PC **A06**/MF **A01**

**FRNC-TH-1942**

Study by Positron Annihilation of Defects in Metals, Crystalline or Amorphous Alloys and in Semiconductors.
DE85751234 **24**-*556,606* PC **A05**/MF **A01**

**FRNC-TH-1969**

Biomass Thermochemical Liquefaction.
DE85751592 **22**-*551,828* PC **A16**/MF **A01**

**FRNC-TH-1971**

Contribution to Study and Realization of 20-Tesla Superconducting Magnet.
DE85752048 **26**-*560,659* PC **A09**/MF **A01**

**FRNC-TH-1978**

Properties of Amorphous Carbon Thin Films Deposited by Magnetron Pulverization. Application to Selective Surface for in-Vacuum Absorbers.
DE85752372 **26**-*560,787* PC **A08**/MF **A01**

**FRNC-TH-1998**

Utilization of Solar Energy in Industry: Technical and Economical Evaluation, Prospective.
DE85752291 **25**-*558,295* PC **A07**/MF **A01**

**FRNC-TH-2010**

Study of Liquid Silicium Coating by a Molten Salt. Application to Photovoltaic Silicium Ingot Fabrication.
DE85752375 **26**-*560,848* PC **A07**/MF **A01**

**FRNC-TH-2013**

Multiline Digital Radiographic Imager Study with Synchronization to Detector Gas Ion Drift.
DE85752047 **25**-*557,672* PC **A10**/MF **A01**

**FRNC-TH-2016**

Waste Water Treatment in an Anaerobic Fluidized Bed Reactor with Immobilized Cells.
DE85752299 **25**-*557,757* PC **A06**/MF **A01**

**FRNC-TH-2024**

Lowering Storage Losses of Volatile Hydrocarbons by Adsorption.
DE85752386 **26**-*562,036* PC **A09**/MF **A01**

**FRP-81/11**

C.O.D. Toughness Testing of Medium Strength Steel as a Preliminary Development for Single Specimen J Integral Toughness Tests of SA533-B Steel.
DE85780199 **10**-*522,875* PC **A06**/MF **A01**

**FRP-81/12**

Development of a Crack Monitoring Technique for Use in a Corrosion Fatigue Study of SA533-B Pressure Vessel Steel.
DE85780200 **10**-*522,876* PC **A04**/MF **A01**

**FRP-82/6**

COD And J Integral Toughness Testing of Medium Strength Steel as a Preliminary for J Integral Testing of SA 533 B Steel.
DE85700883 **20**-*546,353* PC **A04**/MF **A01**

**FRP-82/7**

Progress Report on the Development of a System for Studying Fatigue Crack Growth in SA533B R.P.V. Steel in Representative Aqueous Environments.
DE85700884 **20**-*546,354* PC **A03**/MF **A01**

**FRS/DF/MT-85/002**

Survey of Consumer Finances, 1983.
PB85-217594 **19**-*542,425* CP **T02**

**FRS/DF/MT-85/002A**

Survey of Consumer Finances, 1983. Documentation.
PB85-217586 **19**-*542,424* PC **A20**/MF **A01**

**FRS/DF/MT-85/003**

Industrial Production Index Tape (Monthly Cumulative January 1919 to Current).
PB85-217602 **20**-*544,702* CP **T02**

**FRS/DF/MT-85/016**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, March 31, 1985. Call and Income Report.
PB85-221638 **22**-*549,528* CP **T99**

**FRS/DF/MT-85/017**

Selected Interest Rates/H.15 Tape, Quarterly Cumulative 1919-to Date.
PB85-246387 **26**-*560,153* CP **T02**

**FRS/DF/MT-85/020**

Capacity Utilization Tape (Monthly Cumulative from 1948 to Current).
PB85-246403 **26**-*560,154* CP **T02**

**FRS/DF/MT-85/021**

Electric Power Use by Industries (Monthly Cumulative from 1972 to Current).
PB85-246395 **26**-*560,862* CP **T02**

**FRS/DF-85/001**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, March 31, 1974. Call and Income Report.
PB85-188811 **17**-*537,266* CP **T99**

**FRS/DF-85/002**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, June 30, 1974. Call and Income Report.
PB85-188803 **16**-*535,492* CP **T99**

**FRS/DF-85/003**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, March 31, 1975. Call and Income Report.
PB85-188795 **17**-*537,265* CP **T99**

**FRS/DF-85/004**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, June 30, 1975. Call and Income Report.
PB85-188787 **17**-*537,264* CP **T99**

**FRS/DF-85/005**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, September 30, 1975. Call and Income Report.
PB85-188779 **17**-*537,263* CP **T99**

**FRS/DF-85/006**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, December 31, 1975. Call and Income Report.
PB85-188761 **17**-*537,262* CP **T99**

**FRS/DF-85/007**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, March 31, 1976. Call and Income Report.
PB85-188753 **17**-*537,261* CP **T99**

**FRS/DF-85/008**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, June 30, 1976. Call and Income Report.
PB85-188746 **17**-*537,260* CP **T99**

**FRS/DF-85/009**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, September 30, 1976. Call and Income Report.
PB85-188738 **17**-*537,259* CP **T99**

**FRS/DF-85/010**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, December 31, 1976. Call and Income Report.
PB85-188720 **17**-*537,258* CP **T99**

**FRS/DF-85/011**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, March 31, 1977. Call and Income Report.
PB85-188712 **17**-*537,257* CP **T99**

**FRS/DF-85/012**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, June 30, 1977. Call and Income Report.
PB85-188704 **17**-*537,256* CP **T99**

**FRS/DF-85/013**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, September 30, 1977. Call and Income Report.

PB85-188696 **17**-*537,255* CP **T99**

**FRS/DF-85/014**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, December 31, 1977. Call and Income Report.

PB85-188688 **17**-*537,254* CP **T99**

**FRS/DF-85/015**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, March 31, 1978. Call and Income Report.

PB85-188670 **17**-*537,253* CP **T99**

**FRS/DF-85/016**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, June 30, 1978. Call and Income Report.

PB85-188662 **17**-*537,252* CP **T99**

**FRS/DF-85/017**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, September 30, 1978. Call and Income Report.

PB85-188654 **17**-*537,251* CP **T99**

**FRS/DF-85/018**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, December 31, 1978. Call and Income Report.

PB85-188647 **17**-*537,250* CP **T99**

**FRS/DF-85/019**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, March 31, 1979. Call and Income Report.

PB85-188639 **17**-*537,249* CP **T99**

**FRS/DF-85/020**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, June 30, 1979. Call and Income Report.

PB85-188621 **17**-*537,248* CP **T99**

**FRS/DF-85/021**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, September 30, 1979. Call and Income Report.

PB85-188613 **17**-*537,247* CP **T99**

**FRS/DF-85/022**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, December 31, 1979. Call and Income Report.

PB85-188605 **17**-*537,246* CP **T99**

**FRS/DF-85/023**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, March 31, 1980. Call and Income Report.

PB85-188597 **17**-*537,245* CP **T99**

**FRS/DF-85/024**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, June 30, 1980. Call and Income Report.

PB85-188589 **17**-*537,244* CP **T99**

**FRS/DF-85/025**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, September 30, 1980. Call and Income Report.

PB85-188571 **17**-*537,243* CP **T99**

**FRS/DF-85/026**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, December 31, 1980. Call and Income Report.

PB85-188563 **17**-*537,242* CP **T99**

**FRS/DF-85/027**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, March 31, 1981. Call and Income Report.

PB85-188555 **17**-*537,241* CP **T99**

**FRS/DF-85/028**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, June 30, 1981. Call and Income Report.

PB85-188548 **17**-*537,240* CP **T99**

**FRS/DF-85/029**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, September 30, 1981. Call and Income Report.

PB85-188530 **17**-*537,239* CP **T99**

**FRS/DF-85/030**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, December 31, 1981. Call and Income Report.

PB85-188522 **17**-*537,238* CP **T99**

**FRS/DF-85/031**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, March 31, 1982. Call and Income Report.

PB85-188514 **17**-*537,237* CP **T99**

**FRS/DF-85/032**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, June 30, 1982. Call and Income Report.

PB85-188506 **17**-*537,236* CP **T99**

**FRS/DF-85/033**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, September 30, 1982. Call and Income Report.

PB85-188498 **17**-*537,235* CP **T99**

**FRS/DF-85/034**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, March 31, 1983. Call and Income Report.

PB85-188480 **17**-*537,234* CP **T99**

**FRS/DF-85/035**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, June 30, 1983. Call and Income Report.

PB85-188464 **17**-*537,232* CP **T99**

**FRS/DF-85/036**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, September 30, 1983. Call and Income Report.

PB85-188472 **17**-*537,233* CP **T99**

**FRS/DF-85/037**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, December 31, 1983. Call and Income Report.

PB85-188456 **17**-*537,231* CP **T99**

**FRS/DF-85/038**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, March 31, 1984. Call and Income Report.

PB85-188423 **17**-*537,228* CP **T99**

**FRS/DF-85/039**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, June 30, 1984. Call and Income Report.

PB85-188431 **17**-*537,229* CP **T99**

**FRS/DF-85/040**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, September 30 1984. Call and Income Report.

PB85-188449 **17**-*537,230* CP **T99**

**FRS/DF-85/041**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, December 31, 1984. Call and Income Report.

PB85-188415 **17**-*537,227* CP **T99**

**FRS/DF-85/042**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, December 31, 1982. Call and Income Report.

PB85-188407 **17**-*537,226* CP **T99**

**FRS/DF-85/043**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, December 31, 1974. Call and Income Report.

PB85-203834 **19**-*542,364* CP **T99**

**FRS/DF-85/044**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, September 30, 1974. Call and Income Report.

PB85-203842 **19**-*542,365* CP **T99**

**FRS/DF-85/045**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, December 31, 1973. Call and Income Report.

PB85-203859 **19**-*542,366* CP **T99**

**FRS/DF-85/046**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, September 30, 1973. Call and Income Report.

PB85-203867 **19**-*542,367* CP **T99**

**FRS/DF-85/047**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, June 30, 1973. Call and Income Report.

PB85-203875 **19**-*542,368* CP **T99**

**FRS/DF-85/048**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, March 31, 1973. Call and Income Report.

PB85-203883 **19**-*542,369* CP **T99**

**FRS/DF-85/049**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, December 31, 1972. Call and Income Report.

PB85-203891 **19**-*542,370* CP **T99**

**FRS/DF-85/050**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, June 30, 1972. Call and Income Report.

PB85-203909 **19**-*542,371* CP **T99**

**FRS/DF-85/051**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, December 31, 1971. Call and Income Report.

PB85-203917 **19**-*542,372* CP **T99**

**FRS/DF-85/052**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, June 30, 1971. Call and Income Report.

PB85-204154 **19**-*542,383* CP **T99**

**FRS/DF-85/053**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, December 31, 1970. Call and Income Report.

PB85-204055 **19**-*542,373* CP **T99**

**FRS/DF-85/054**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, June 30, 1970. Call and Income Report.

PB85-204063 **19**-*542,374* CP **T99**

**FRS/DF-85/055**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, December 31, 1969. Call and Income Report.

PB85-204071 **19**-*542,375* CP **T99**

**FRS/DF-85/056**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, June 30, 1969. Call and Income Report.

PB85-204089 **19**-*542,376* CP **T99**

**FRS/DF-85/057**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, December 31, 1968. Call and Income Report.

PB85-204097 **19**-*542,377* CP **T99**

**FRS/DF-85/058**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, June 30, 1968. Call and Income Report.

PB85-204105 **19**-*542,378* CP **T99**

**FRS/DF-85/059**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, December 31, 1967. Call and Income Report.

PB85-204113 **19**-*542,379* CP **T99**

**FRS/DF-85/060**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, June 30, 1967. Call and Income Report.

PB85-204121 **19**-*542,380* CP **T99**

**FRS/DF-85/061**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, June 30, 1966. Call and Income Report.

PB85-204139 **19**-*542,381* CP **T99**

**FRS/DF-85/062**

Report of Condition and Income for Commercial Banks and Selected Other Financial Institutions, December 31, 1965. Call and Income Report.

PB85-204147 **19**-*542,382* CP **T99**

**FRS/DF-85/063**

Money Stock Tape, 1959-1984.

PB85-195501 **18**-*539,873* CP **T02**

**FS/DU-84/487**

Utilisation de Machines Asynchrones pour la Realisation de Champs Magnetiques Intenses Pulses (Use of Asynchronous Engines to Obtain Intensive Pulsed Magnetic Fields).

PB85-145050 **08**-*516,823* PC **E04**/MF **E04**

**FS-1-85**

World Sugar and Molasses Situation and Outlook, May 1985. Sugar, Molasses and Honey.

PB85-211209 **20**-*544,514* PC **A04**/MF **A01**

**FS-2-84**

World Honey Situation, October 1984.

PB85-120020 **04**-*507,961* PC **A02**/MF **A01**

**FS-3-84**

World Centrifugal Sugar Situation and Outlook, November 1984.

PB85-129484 **05**-*510,629* PC **A04**/MF **A01**

**FS-81-21-AKI**

Monitoring the Incorporation of Iodine.

DE83751309 **11**-*523,869* PC **A04**/MF **A01**

**FS-83-30-T**

Radiation Protection, Measurements and Methods.

DE85750007 **12**-*527,718* PC **A99**/MF **A01**

**FS-83-31-AKA**

Hints Concerning the Instruction of Personnel in Accordance with Section 39 of the Radiation Protection Ordinance.

DE85751869 **26**-*560,369* PC **A02**/MF **A01**

**FS/84/18**

Flow of Dilute Suspensions of Particles Around Axisymmetric Baffles.

AD-A157 039/9 **22**-*551,268* PC **A03**/MF **A01**

**FSEC-CR-57-82(EA)**

Southeastern Renewable Energy Institute Final Project Report.
DE85000612 **09**-*519,192* PC **A05**/MF **A01**

**FSEC-CR-108-84**

Thermoeconomic Optimizarion of OC-OTEC Electricity and Water Production Plants. Final Report.
DE85005221 **12**-*527,029* PC **A17**/MF **A01**

**FSEC-GP-10-83-REV.**

Simplified Sizing Procedure for Solar Domestic Hot Water Systems. Revision.
DE85901104 **14**-*531,990* PC **A02**/MF **A01**

**FSFL-R-85-002**

Development of a Temperature Measurement System with Application to a Jet in a Cross Flow Experiment.
N85-25262/5 **18**-*542,024* PC **A06**/MF **A01**

**FSGTR-FPL-42**

Computer Model for Economic Study of Unbleached Kraft Paperboard Production.
AD-A146 379/3 **01**-*501,600* PC **A03**/MF **A01**

**FSGTR-FPL-43**

Airborne Sound Transmission Loss Characteristics of Wood-Frame Construction.
AD-A154 174/7 **17**-*538,658* PC **A03**/MF **A01**

**FSGTR-FPL-44**

FPL (Forest Products Laboratory) Design for Lumber Dry Kiln Using Solar/Wood Energy in Tropical Latitudes.
AD-A154 178/8 **17**-*538,309* PC **A02**/MF **A01**

**FSGTR/INT-163**

Managing Intermountain Rangelands - Salt-Desert Shrub Ranges.
PB85-101079 **01**-*500,104* PC **A04**/MF **A01**

**FSGTR/INT-172**

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PB85-116358 **03**-*505,642* PC **A14**/MF **A01**

**FSGTR/INT-173**

Research Natural Areas: Baseline Monitoring and Management. Proceedings of a Symposium in Missoula, Montana on March 21, 1984.
PB85-128486 **05**-*510,677* PC **A05**/MF **A01**

**FSGTR/INT-174**

Integrating Management Strategies for the Mountain Pine Beetle with Multiple-Resource Management of Lodgepole Pine Forests.
PB85-199370 **18**-*539,724* PC **A05**/MF **A01**

**FSGTR/INT-175**

Managing Intermountain Rangelands--Research on the Benmore Experimental Range, 1940-84.
PB85-153286 **09**-*518,405* PC **A04**/MF **A01**

**FSGTR/INT-176**

Limits of Acceptable Change (LAC) System for Wilderness Planning.
PB85-155497 **10**-*521,008* PC **A03**/MF **A01**

**FSGTR/INT-177**

Forest Succession on Four Habitat Types in Western Montana.
PB85-177327 **14**-*530,849* PC **A05**/MF **A01**

**FSGTR/INT-178**

Application of Discrete Optimization for Developing Economically Efficient Multiple-Use Projects.
PB85-184364 **16**-*535,356* PC **A02**/MF **A01**

**FSGTR/INT-179**

Biology and Management of the Gambel Oak Vegetative Type: A Literature Review.
PB85-189900 **15**-*532,957* PC **A03**/MF **A01**

**FSGTR/INT-181**

Chemical Analysis Procedures for Forest Fire Retardant Constituents.
PB85-210011 **19**-*542,853* PC **A03**/MF **A01**

**FSGTR/INT-182**

Proceedings: Symposium and Workshop on Wilderness Fire Held at Missoula, Montana, November 15-18, 1983.
PB85-198604 **17**-*537,113* PC **A19**/MF **A01**

**FSGTR/INT-183**

Below-Cost Timber Sales: Analysis of a Forest Policy Issue.
PB85-210722 **19**-*542,175* PC **A02**/MF **A01**

**FSGTR/INT-184**

Proceedings--Symposium on Recreation Choice Behavior, Missoula, Montane, March 22-23, 1984.
PB85-214419 **20**-*544,735* PC **A06**/MF **A01**

**FSGTR/INT-185**

Proceedings: Western Forest Nursery Council-Intermountain Nurseryman's Association Combined Meeting, August 14-16, 1984, Coeur d'Alene, Idaho.
PB85-236297 **24**-*554,637* PC **A07**/MF **A01**

**FSGTR/INT-186**

Fire's Effects on Wildlife Habitat - Symposium Proceedings, Missoula, Montana, March 21, 1984.
PB85-248730 **26**-*560,076* PC **A06**/MF **A01**

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PB85-127835 **05**-*510,675* PC **A02**/MF **A01**

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Relationships between Sitka Black-Tailed Deer and Their Habitat.
PB85-167971 **12**-*525,967* PC **A03**/MF **A01**

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PB85-121549 **04**-*507,997* PC **A02**/MF **A01**

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PB85-208429 **19**-*542,167* PC **A02**/MF **A01**

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PB85-178788 **14**-*530,857* PC **A02**/MF **A01**

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PB85-103224 **01**-*500,106* PC **A02**/MF **A01**

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PB85-178770 **14**-*530,856* PC **A02**/MF **A01**

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PB85-178515 **14**-*530,853* PC **A02**/MF **A01**

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PB85-216406 **20**-*544,547* PC **A02**/MF **A01**

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Selected Forage Values of Understory Plants in Thinned Cove Hardwoods on Three Sites.
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Significance of Sewage Sludge Amendments to Borrow Pit Reclamation with Sweetgum and Fescue.
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**FSRN-SE-330**

Effect of Accelerated Aging on the Bending Strength and Stiffness of COM-PLY (Trade Name) Truss Lumber Produced in a Pilot Plant,
PB85-188092 **16**-*536,165* PC **A02**/MF **A01**

**FSRN-SE-331**

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PB85-203065 **18**-*540,890* PC **A02**/MF **A01**

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Identity of Florida Casuarinas.
PB85-230571 **23**-*551,978* PC **A02**/MF **A01**

**FSRN-SE-333**

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Precommercial Thinning in Yellow-Poplar.
PB85-230589 **23**-*551,979* PC **A02**/MF **A01**

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Socio-Economic Characteristics of Prospective Nonindustrial Private Timber Sellers in East Texas,
PB85-105625 **01**-*500,115* PC **A02**/MF **A01**

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Long-Term Artificial Annual Flooding Reduces Nuttall Oak Bole Growth.
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PB85-121945 **04**-*508,584* PC **A02**/MF **A01**

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**FSRP-FPL-450**

Structural Fire Design: Wood.
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Empirical Equations for Estimating Drying Times of Thick Rotary-Cut Veneer in Press and Jet Dryers.
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**FSRP-FPL-455**

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**FSRP/INT-331**

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PB85-166791 **12**-*527,290* PC **A02**/MF **A01**

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Volume and Biomass for Curlleaf Cercocarpus in Nevada.
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Response of Grass Species to Tree Harvesting in Singleleaf Pinyon-Utah Juniper Stands.
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Improving Voluntary Registration Through Location and Design of Trail Registration Stations.
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Applying Height Growth and Site Index Curves for Inland Douglas-fir.
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Legal System, the U.S. Forest Service, and Human-Caused Wildfires.
PB85-243368 **26**-*560,054* PC **A04**/MF **A01**

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Costs of Reducing Sapling Basal Area in Thinned Cherry-Maple Stands in West Virginia.
PB85-100485 **01**-*500,098* PC **A02**/MF **A01**

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Residual Stocking Not Seriously Reduced by Logging Damage from Thinning of West Virginia Cherry-Maple Stands.
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System 6: Rough-Mill Operating Manual.
PB85-100659 **01**-*501,601* PC **A03**/MF **A01**

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Quality Response of 29-Year-Old, Even-Aged Central Hardwoods After Thinning.
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PB85-198547 **17**-*537,112* PC **A02**/MF **A01**

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**FSRP-NE-561**
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PB85-248870 **26**-*560,077* PC **A02**/MF **A01**

**FSRP-NE-564**
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**FSRP-NE-565**
Cost of Maple Sugaring in Vermont.
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**FSRP/PNW-209**
Code-A-Site: A System for Inventory of Dispersed Recreational Sites in Roaded Areas, Back Country, and Wilderness.
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**FSRP/PNW-256**
Survival of Douglas-Fir Seedlings Sprayed with Atrazine, Terbacil, and 2,4-D.
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**FSRP/PNW-267**
Effects of Different Sources of Fertilizer Nitrogen on Growth and Nutrition of Western Hemlock Seedlings.
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PB85-167815 **12**-*525,960* PC **A03**/MF **A01**

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CLIMACS (Computer Linked Integrative Model for Assessing Community Structure): A Computer Model of Forest Stand Development for Western Oregon and Washington.
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Lumber Recovery from Ponderosa Pine in the Black Hills, South Dakota.
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**FSRP/PNW-329**
Estimating the Weight of Crown Segments for Old-Growth Douglas-Fir and Western Hemlock.
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Response of Dwarf Mistletoe-Infested Ponderosa Pine to Thinning: 1. Sapling Growth.
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Response of Dwarf Mistletoe-Infested Ponderosa Pine to Thinning: 1. Sapling Growth.
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Calculating Moisture Content of 1000-Hour Timelag Fuels in Western Washington and Western Oregon.
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Costs of Fire Suppression Forces Based on Cost-Aggregation Approach.
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**FSRP-PSW-173**
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Changes in Fire Weather Distributions: Effects on Predicted Fire Behavior.
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**FSRP/RM-255**
Pocket Gopher Food Habits on Two Disturbed Forest Sites in Central Arizona.
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**FSRP-RM-257**
Warpage of Studs from Young Growth Ponderosa Pine from Northern New Mexico.
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**FSRP/RM-258**
Effects of Clearcutting a Subalpine Forest in Central Colorado on Wildlife Habitat.
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**FSRP-RM-260**
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Formation of 'Pisolithus' Ectomycorrhizae on Loblolly Pine Seedlings with Spore Pellet Inoculum Applied at Different Times.
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**FSRP-SE-251**
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Common Herbaceous Plants of Southern Forest Range.
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Forest Area Estimates from Landsat MSS (Multispectral Scanner) and Forest Inventory Plot Data.
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**FSU-STATISTICS-M687**
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AD-A158 929/0 **25**-*557,214* PC **A03**/MF **A01**

**FTD-ID(RS)T-0237-85**
Thirty Years of Troposcatter Communications--Translation.
AD-A155 563/0 **19**-*543,766* PC **A02**/MF **A01**

**FTD-ID(RS)T-0293-85**
Heilongjiang Pictorial (Selected Articles)--Translation.
AD-A157 029/0 **22**-*549,640* PC **A02**/MF **A01**

**FTD-ID(RS)T-0326-85**
The Measurements of Axisymmetric Air Turbulent Jet Floow with an Individual Realization Laser Velocimeter System--Translation.
AD-A157 554/7 **23**-*553,643* PC **A02**/MF **A01**

**FTD-ID(RS)T-0337-84**
Planning of Combat Operations and Command of Troops with the Aid of Network Graphs--Translation.
AD-A150 671/6 **11**-*524,860* PC **A15**/MF **A01**

**FTD-ID(RS)T-0391-82**
One Rocket Multiple Satellite Launch Technology--Translation.
AD-A149 226/9 **08**-*518,312* PC **A02**/MF **A01**

**FTD-ID(RS)T-0543-84**
The R-609 Radio Set--Translation.
AD-A152 370/3 **14**-*532,376* PC **A02**/MF **A01**

**FTD-ID(RS)T-0563-84**
Mobile Television Radio Link--Translation.
AD-A152 381/0 **14**-*532,377* PC **A02**/MF **A01**

**FTD-ID(RS)T-0667-84**
Digital Methods of the Optimum Processing of Radar Signals--Translation.
AD-A152 469/3 **14**-*532,404* PC **A23**/MF **A01**

**FTD-ID(RS)T-0674-82**
Measurement of Scattering Characteristics of Radar Targets--Translation.
AD-A149 110/9 **08**-*517,395* PC **A19**/MF **A01**

**FTD-ID(RS)T-0851-84**
Developments in Far-Infrared Detection Techniques,
AD-A146 290/2 **01**-*502,106* PC **A02**/MF **A01**

**FTD-ID(RS)T-0867-84**
For the Sacred Air Space of Our Motherland; An Interview with Our Country's Famous Aircraft Designer, Lu Hsiao-p'eng.
AD-A146 291/0 **01**-*500,032* PC **A02**/MF **A01**

**FTD-ID(RS)T-0969-84**
International Aviation (Selected Articles).
AD-A148 704/0 **06**-*512,646* PC **A03**/MF **A01**

**FTD-ID(RS)T-0971-84**
Rocket Tablet--Translation.
AD-A147 305/7 **03**-*507,859* PC **A03**/MF **A01**

**FTD-ID(RS)T-1118-84**
A Method for Solving the Inverse Problem of Transonic Cascade Flow--Translation.
AD-A146 739/8 **02**-*504,868* PC **A02**/MF **A01**

**FTD-ID(RS)T-1120-84**
Acta Aeronautica et Astronautica Sinica--Translation.
AD-A147 304/0 **03**-*505,251* PC **A04**/MF **A01**

**FTD-ID(RS)T-1150-84**
Acta Aeronautica et Astronautic Sinica (Selected Articles)--Translation.
AD-A148 830/3 **06**-*512,647* PC **A03**/MF **A01**

**FTD-ID(RS)T-1151-84**
On the Classification and Nonlinear Solution of One Type of Stratified Shear Flow--Translation.
AD-A148 832/9 **06**-*514,076* PC **A02**/MF **A01**

**FTD-ID(RS)T-1154-84**
Methods of Erecting Supports in Mine Shafts,
AD-A157 697/4 **24**-*555,409* PC **A02**/MF **A01**

**FTD-ID(RS)T-1168-84**
Acta Aerodynamica Sinica--Translation.
AD-A155 480/7 **19**-*542,058* PC **A07**/MF **A01**

**FTD-ID(RS)T-1227-84**
Acta Electronica Sinica (Selected Articles)--Translation.
AD-A148 829/5 **06**-*513,989* PC **A03**/MF **A01**

**FTD-ID(RS)T-1349-84**
History of the Development of Aviation Machineguns in the USSR,
AD-A148 703/2 **06**-*514,047* PC **A02**/MF **A01**

**FTD-ID(RS)T-1433-84**
Hydrolase of Soman - An Organophosphorus Compound--Translation.
AD-A155 473/2 **19**-*542,543* PC **A02**/MF **A01**

**FTD-ID(RS)T-1440-84**
Meteorology and Food Production - The Theme of the XVI Meteorology Day--Translation.
AD-A155 308/0 **19**-*542,253* PC **A02**/MF **A01**

**FTD-ID(RS)T-1483-84**
Meteorological Weapons,
AD-A154 735/5 **18**-*539,788* PC **A02**/MF **A01**

**FTD-ID(RS)T-1515-84**
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AD-A158 454/9 **25**-*557,220* PC **A11**/MF **A01**

**FTD-ID(RS)T-1542-84**
Climate and Man (Selected Articles)--Translation.
AD-A158 452/3 **25**-*557,305* PC **A06**/MF **A01**

**FTD-ID(RS)T-1564-84**
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AD-A155 948/3 **21**-*549,030* PC **A04**/MF **A01**

**FTD-ID(RS)T-1580-84**
Physics (Selected Articles)--Translation.
AD-A155 449/2 **19**-*543,987* PC **A03**/MF **A01**

**FTD-ID(RS)T-1601-84**
Determination of Kinetic Parameters of Molecular Beam Epitaxy--Translation.
AD-A155 222/3 **19**-*543,980* PC **A02**/MF **A01**

**FTD-ID(RS)T-1626-84**
A Fast Discharge Exicimer Laser with Symmetic Geometry--Translation.
AD-A155 294/2 **19**-*544,018* PC **A02**/MF **A01**

**FTD-ID(RS)T-1655-82**
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AD-A149 059/8 **07**-*515,199* PC **A04**/MF **A01**

**FTD-ID(RS)T-1854-82**
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AD-A149 130/7 **08**-*517,384* PC **A03**/MF **A01**

**FTEA-1-85**
U.S. Spice Imports Up in 1984.
PB85-198554 **17**-*537,060* PC **A03**/MF **A01**

**FTEA-2-85**
U.S. Essential Oil Trade Near Year Earlier-Levels. Tea, Spices and Essential Oils.
PB85-210896 **19**-*542,130* PC **A02**/MF **A01**

**FTEA-3-85**
World Tea Prices Ease from 1984 Record Highs.
PB85-215374 **20**-*544,520* PC **A02**/MF **A01**

**FTR-1**
Linear and Nonlinear Ultrasonic Interaction on Liquid-Solid Boundaries.
AD-A148 979/8 **07**-*515,514* PC **A02**/MF **A01**

**FTR-596-5**
Information Extraction and Transmission Techniques for Spaceborne Synthetic Aperture Radar Images.
N85-17256/7 **11**-*524,266* PC **A12**/MF **A01**

**FTR560130001U-VOL-1**
Product Definition Data Interface. Volume 1. Executive Overview.
AD-A156 652/0 **22**-*550,197* PC **A03**/MF **A01**

**FTR5601300001U**
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AD-A156 503/5 **21**-*547,950* MF **A01**

**FTW-FO-1721**
Stroemungsbereich Um Schlanke Fluegel Unter Beruecksichtigung der Stroemungsabloesung an der Seitenkante (Flow Calculation on a Thin Wing, with Specific Attention to Separation Point at the Trailing Edge).
N85-13787/5 **08**-*515,727* PC **A03**/MF **A01**

**FUB-3-1984**
Metodi Autoregressivi Non Stazionari Per l'Analisi E la Sintesa Della Voce (Autoregressive Nonsteady Methods for the Analysis and Synthesis of the Human Voice).
N85-10266/3 **03**-*506,887* PC **A02**/MF **A01**

**FUB-5-1984**
Misure di Distanza Tra Segnali Vocali Nel Domino Della Frequenza (Measures of Distance Between Speech Signals in the Frequency Domain).
N85-10267/1 **03**-*506,888* PC **A03**/MF **A01**

**FUB-7-1984**
Un Algoritmo Crittografico a Chiave Pubblica Basato su una Generalizzazione del Problema del Knapsack (A Public Key Cryptographic Algorithm Based on a Generalization of the Knapsack Problem).
N85-18250/9 **12**-*526,963* PC **A02**/MF **A01**

**FUB-11-1984**
Quantum Noise Effects in Single-Mode Injection Lasers.
N85-18338/2 **12**-*527,943* PC **A02**/MF **A01**

**FUB-29-1983**
Resoconto Del Simposio Su Processi di Codifica Fonetica E Decodifica Della Voce Tenutosi a Tolosa Il 15-16 Luglio 1983 (Voice Phonetic Coding and Decoding Processes).
N85-10259/8 **03**-*506,882* PC **A02**/MF **A01**

**FUB-30-1983**
Voice Communication Handling in X 25 Packet Switching Networks.
N85-10260/6 **03**-*506,883* PC **A02**/MF **A01**

**FUB-33-1983**
Disponibilita Dei Sistemi di Trasmissione Nelle Connessioni Continentali Ed Intercontinentali (Availability of Transmission Systems in Continental and Intercontinental Connections).
N85-10261/4 **03**-*506,884* PC **A02**/MF **A01**

**FUB-37-1983**
Riservatezza E Autenticazione Nella Rete Isdn (Reserve and Authentication in Integrated Services Distributed Networks (Isdn) Networks).
N85-10262/2 **03**-*506,118* PC **A03**/MF **A01**

**FUB-38-1983**
Alcuni Metodi Per Il Progetto di Quantizzatori Per Signali d'Immagine (Methods for the Design of Quantizers for Image Signals).
N85-10263/0 **03**-*506,208* PC **A03**/MF **A01**

**FUB-39-1983**
Studio Comparativo Mediante Analisi Degli Aggruppamenti Dei Coefficienti di Rappresentazione Lpc Per Il Riconoscimento Dei Fonemi (Comparative Analysis of the Clustering of the Lpc Coefficients in Phoneme Recognition).
N85-10264/8 **03**-*506,885* PC **A03**/MF **A01**

**FUB-40-1983**
Programma di Simulazione di UN Canale Gwssus Utilizzabile Nei Sistemi Radiomobile (Gaussian Wide Sense Stationary Uncorrelated Scattering (Gwssus) Channel Simulation Program to Be Used for Mobile Radio Systems).
N85-10265/5 **03**-*506,886* PC **A06**/MF **A01**

**FUB-43-1983**
Calcolo Della Copertura di Sistemi Radiomobili Mediante Dati Geografico Memorizzati Su Calcolatore (Calculation of the Area Covered by Mobile Radio Systems Using Geographic Data Stored in a Computer).
N85-18247/5 **12**-*527,651* PC **A05**/MF **A01**

**FUB-44-1983**

Trattamento Della Voce in Nodi a Commutazione di Pacchetto (Voice Data Processing in Packet Switching Modes).
N85-18248/3 **12**-*527,652* PC **A03**/MF **A01**

**FUB-47-1983**

Analisi di Prestazioni di Reti Multiaccesso di Tipo Bus (Analysis of the Performance of Multiaccess Networks of the Bus Type).
N85-18249/1 **12**-*527,653* PC **A03**/MF **A01**

**FUB-50-1983**

Petcom: Uno Strumento Software per l'Analysi di Reti di Petri Orientate Ai Protocolli di Comunicazione (Petcom: A Software Instrument for the Analysis of Petri Networks, Oriented Towards Communication Protocols).
N85-33286/4 **26**-*560,691* PC **A05**/MF **A01**

**FUB-52-1983**

Introduzione Alle Tecniche Adattative per l'Elaborazione Del Segndle Vocale (Introduction to Adaptive Techniques for Voice Signal Processing).
N85-33287/2 **26**-*561,326* PC **A02**/MF **A01**

**FUB-67-1982**

Self-Induced Nonlinear Effects in Optical Fibers: A Unified Approach.
N85-18713/6 **12**-*527,956* PC **A02**/MF **A01**

**FUPH-R-151**

Rotamak Concept,
PB85-133858 **05**-*512,509* PC **E03**/MF **E01**

**FVI-A-01-84**

Distributed Real-Time Operating System.
DE85701380 **25**-*559,555* PC **A03**/MF **A01**

Distributed Real-Time Operating System.
N85-31876/4 **23**-*552,825* PC **A03**/MF **A01**

**FW-FO-1612**

Singularitaeten-Modell Zur Analyse der Wandinterferenz in Geschlossenen Windkanalen Nach der Wanddricksignatur-Methode (Blockierung und Auftrieb) (Singularity Model for the Analysis of Wall Interference in Closed Wind Tunnels According to the Wall Pressure Signature Method (Blockage and Lift)).
N85-12874/2 **07**-*515,214* PC **A05**/MF **A01**

**FW-FO-1613**

Wandeinfluss-Korrekturen in Windkanaelen: Blockierungskorrektur Nach der Wandrucksignatur-Methode (Wall Influence Corrections in Wind Tunnels: Blockage Correction According to the Wall Pressure Signature Method).
N85-12875/9 **07**-*515,215* PC **A04**/MF **A01**

**FW-FO-1636**

Parametrische Bestimmung der Blockierungsinterferenzen fuer Drei-Dimensionale Modelle im Transonic-Kanal des Eidgenoessisches Flugzwerk, Emmen (Parametric Determination of Blockage Interference of 3-Dimensional Models in the Emmen Federal Aircraft Works Transonic Tunnel (Switzerland)).
N85-12876/7 **07**-*515,216* PC **A03**/MF **A01**

**FW-FO-1640**

Graphische Software Zur Darstellung der Deformationsbewegung Eines Koerpers (Graphics Software for the Display of Body Deformation Motion).
N85-12888/2 **07**-*514,336* PC **A05**/MF **A01**

**FW-FO-1641**

Grenzschichtuntersuchungen im Transonic-Kanal des Eidgenoessisches Flugzwerke, Emmen (Investigations of Boundary Layers in the Emmen Federal Aircraft Works Transonic Tunnel, Switzerland).
N85-12877/5 **07**-*515,217* PC **A07**/MF **A01**

**FW-FO-1681**

Untersuchung Zur Verbesserung der Transonic-Kanal-Messstrecke des Eidgenoessisches Flugzwerke, Emmen (Investigation for the Improvement of the Transonic Tunnel Working Section of the Emmen Federal Aircraft Works (Switzerland)).
N85-12904/7 **07**-*515,221* PC **A04**/MF **A01**

**FW-FO-1689**

Vergleichende Stroemungsrechnung an Transsonischen Kegel/Zylinder-Eidhmodellen im Zusammenhang MIT Dem Wandinterferenzproblem (Comparative Flow Calculation on Transonic Cone/Cylinder Standard Models in Connection with the Wall Interference Problem).
N85-12878/3 **07**-*515,218* PC **A07**/MF **A01**

**FWC/FWDC/TR-83/10**

Investigation of Pyrite as a Contributor to Slagging in Eastern Bituminous Coals. Quarterly Progress Report 7, April 1-June 30, 1983.
DE85004230 **10**-*523,152* PC **A04**/MF **A01**

**FWC/FWDC/TR-84/33**

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DE85001487 **05**-*512,585* PC **A04**/MF **A01**

**FWC/FWDC/TR-84/44**

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DE85005516 **25**-*559,839* PC **A09**/MF **A01**

**FWC/FWDC/TR-85/5**

Evaluation of Rotating Disc Contactor for Deashing. Final Report.
DE85011769 **19**-*544,382* PC **A03**/MF **A01**

**FWE-FO-1717**

Kzd-85 Motor-Versuch: Motortype: 1 Zyl. 2-Takt-Motor 2100 Husquarna (The Kzd-85 Engine Test. Engine Type: 1 Cylinder, 2 Stroke Motor 2100 Husquarna).
N85-11354/6 **04**-*510,542* PC **A03**/MF **A01**

**FWE/SIG/FO-1350-E**

Extrapolation of Engine Inlet Measurements According to Tsukahira,
PB85-143212 **07**-*515,690* PC **E03**/MF **E01**

**FWE/SIG/FO-1511**

Analyse von Messdaten in Bezug auf Mittelwertbildung (Analysis of Measured Data with Reference to Taking the Mean),
PB85-155042 **10**-*522,209* PC **E04**/MF **E01**

**FWS/FWPO-85/01**

Convention on International Trade in Endangered Species of Wild Fauna and Flora: Annual Report for 1983.
PB85-241370 **25**-*557,393* PC **A15**/MF **A01**

**FWS/OBS-80/40.18**

Effects of Acidic Precipitation on Atlantic Salmon Rivers in New England.
PB85-242147 **26**-*561,074* PC **A07**/MF **A01**

**FWS/OBS-82/05**

Ecology of the Apalachicola Bay System: An Estuarine Profile,
PB85-242857 **25**-*558,035* PC **A08**/MF **A01**

**FWS/OBS-82/06**

Ecology of the Pamlico River, North Carolina: An Estuarine Profile,
PB85-155703 **10**-*521,562* PC **A06**/MF **A01**

**FWS/OBS-82/08**

Ecology of the South Florida Coral Reefs: A Community Profile,
PB85-243509 **26**-*560,555* PC **A08**/MF **A01**

**FWS/OBS-82/10.3A**

Habitat Suitability Index Models: A Low Effort System for Planned Coolwater and Coldwater Reservoirs (Revised),
PB85-179588 **15**-*534,189* PC **A04**/MF **A01**

**FWS/OBS-82/10.11-REV**

Habitat Suitability Index Models: Marten (Revised),
PB85-125813 **05**-*510,988* PC **A02**/MF **A01**

**FWS/OBS-82/10.31**

Habitat Suitability Index Models: Southern Kingfish,
PB85-222602 **21**-*547,823* PC **A03**/MF **A01**

**FWS/OBS-82/10.46**

Habitat Suitability Index Models: Muskrat,
PB85-122711 **04**-*508,461* PC **A03**/MF **A01**

**FWS/OBS-82/10.50**

Habitat Suitability Index Models: Roseate Spoonbill,
PB85-222685 **22**-*550,054* PC **A02**/MF **A01**

**FWS/OBS-82/10.51**

Habitat Suitability Index Models: Clapper Rail,
PB85-222610 **21**-*547,507* PC **A03**/MF **A01**

**FWS/OBS-82/10.52**

Habitat Suitability Index Models: Mottled Duck,
PB85-222628 **21**-*547,508* PC **A03**/MF **A01**

**FWS/OBS-82/10.53**

Habitat Suitability Index Models: Redhead (Wintering),
PB85-222636 **21**-*547,509* PC **A03**/MF **A01**

**FWS/OBS-82/10.54**

Habitat Suitability Index Models: Northern Gulf of Mexico Brown Shrimp and White Shrimp,
PB85-222677 **21**-*547,825* PC **A03**/MF **A01**

**FWS/OBS-82/10.57**

Habitat Suitability Index Models: Gulf of Mexico American Oyster,
PB85-222644 **21**-*547,824* PC **A03**/MF **A01**

**FWS/OBS-82/10.58**

Habitat Suitability Index Models: Alewife and Blueback Herring,
PB85-222693 **21**-*547,826* PC **A03**/MF **A01**

**FWS/OBS-82/10.59**

Habitat Suitability Index Models: Littleneck Clam,
PB85-222735 **22**-*550,055* PC **A02**/MF **A01**

**FWS/OBS-82/10.61-REV**

Habitat Suitability Index Models: Mink,
PB85-122703 **04**-*508,460* PC **A03**/MF **A01**

**FWS/OBS-82/10.64**

Habitat Suitability Index Models and Instream Flow Suitability Curves: White Sucker,
PB85-164762 **11**-*523,696* PC **A04**/MF **A01**

**FWS/OBS-82/10.65**

Habitat Suitability Index Models: Pronghorn,
PB85-121069 **04**-*508,455* PC **A03**/MF **A01**

**FWS/OBS-82/10.66**

Habitat Suitability Index Models: Eastern Cottontail,
PB85-171643 **12**-*526,393* PC **A03**/MF **A01**

**FWS/OBS-82/10.67**

Habitat Suitability Index Models and Instream Flow Suitability Curves: Warmouth,
PB85-174787 **14**-*531,219* PC **A03**/MF **A01**

**FWS/OBS-82/10.68**

Habitat Suitability Index Models: American Black Duck (Wintering),
PB85-225654 **22**-*549,752* PC **A03**/MF **A01**

**FWS/OBS-82/10.69**

Habitat Suitability Index Models: Western Grebe,
PB85-135010 **05**-*511,006* PC **A03**/MF **A01**

**FWS/OBS-82/10.70**

Habitat Suitability Index Models: The Arizona Guild and Layers of Habitat Models,
PB85-146470 **08**-*516,162* PC **A03**/MF **A01**

**FWS/OBS-82/10.72**

Habitat Suitability Index Models and Instream Flow Suitability Curves: Spotted Bass,
PB85-146462 **08**-*516,161* PC **A04**/MF **A01**

**FWS/OBS-82/10.74**

Habitat Suitability Index Models: Larval and Juvenile Red Drum,
PB85-225662 **22**-*550,061* PC **A03**/MF **A01**

**FWS/OBS-82/10.75**

Habitat Suitability Index Models: Spotted Seatrout,
PB85-225670 **22**-*550,062* PC **A03**/MF **A01**

**FWS/OBS-82/10.76**

Habitat Suitability Index Models: Pink Shrimp,
PB85-225589 **22**-*550,058* PC **A03**/MF **A01**

**FWS/OBS-82/10.77**

Habitat Suitability Index Models: Hard Clam,
PB85-225597 **22**-*550,059* PC **A03**/MF **A01**

**FWS/OBS-82/10.78**

Habitat Suitability Index Models: Great Egret,
PB85-225605 **22**-*549,751* PC **A03**/MF **A01**

**FWS/OBS-82/10.79**

Habitat Suitability Index Models and Instream Flow Suitability Curves: Redear Sunfish,
PB85-133742 **05**-*510,998* PC **A03**/MF **A01**

**FWS/OBS-82/10.80**

Habitat Suitability Index Models and Instream Flow Suitability Curves: Paddlefish,
PB85-147197 **08**-*516,165* PC **A03**/MF **A01**

**FWS/OBS-82/10.81**

Habitat Suitability Index Models: Blue Grouse,
PB85-123966 **04**-*508,462* PC **A03**/MF **A01**

**FWS/OBS-82/10.82**

Habitat Suitability Index Models: Canvasback (Breeding Habitat),
PB85-177012 **14**-*531,226* PC **A02**/MF **A01**

**FWS/OBS-82/10.83**

Habitat Suitability Index Models: Brewer's Sparrow,
PB85-133759 **05**-*510,999* PC **A03**/MF **A01**

**FWS/OBS-82/10.84**

Habitat Suitability Index Models: Lake Trout (Exclusive of the Great Lakes),
PB85-135028 **05**-*511,007* PC **A02**/MF **A01**

**FWS/OBS-82/10.85**

Habitat Suitability Index Models and Instream Flow Suitability Curves: Inland Stocks of Striped Bass,
PB85-146488 **08**-*516,163* PC **A04**/MF **A01**

**FWS/OBS-82/11.1**

Species Profiles: Life Histories and Environmental Requirements of Coastal Fishes and Invertebrates (Gulf of Mexico),
AD-A147 771/0 **04**-*508,880* PC **A07**/MF **A01**

**FWS/OBS-82/11.2**

Species Profiles: Life Histories and Environmental Requirements of Coastal Fishes and Invertebrates (Gulf of Mexico),
AD-A147 771/0 **04**-*508,880* PC **A07**/MF **A01**

**FWS/OBS-82/11.3**

Species Profiles: Life Histories and Environmental Requirements of Coastal Fishes and Invertebrates (Gulf of Mexico),
AD-A147 771/0 **04**-*508,880* PC **A07**/MF **A01**

**FWS/OBS-82/11.4**

Species Profiles: Life Histories and Environmental Requirements of Coastal Fishes and Invertebrates (Pacific Southwest),
AD-A147 773/6 **04**-*508,882* PC **A02**/MF **A01**

**FWS/OBS-82/11.6**

Species Profiles: Life Histories and Environmental Requirements of Coastal Fishes and Invertebrates,
AD-A147 263/8 **03**-*505,923* PC **A03**/MF **A01**

**FWS/OBS-82/11.7**

Species Profiles: Life Histories and Environmental Requirements of Coastal Fishes and Invertebrates (North Atlantic),
AD-A147 769/4 **04**-*508,878* PC **A04**/MF **A01**

**FWS/OBS-82/11.8**

Species Profiles: Life Histories and Environmental Requirements of Coastal Fishes and Invertebrates (Mid-Atlantic),
AD-A147 772/8 **04**-*508,881* PC **A09**/MF **A01**

**FWS/OBS-82/11.9**

Species Profiles: Life Histories and Environmental Requirements of Coastal Fishes and Invertebrates (Mid-Atlantic),
AD-A147 772/8 **04**-*508,881* PC **A09**/MF **A01**

**FWS/OBS-82/11.10**

Species Profiles: Life Histories and Environmental Requirements of Coastal Fishes and Invertebrates (Mid-Atlantic),
AD-A147 772/8 **04**-*508,881* PC **A09**/MF **A01**

**FWS/OBS-82/11.11**

Species Profiles: Life Histories and Environmental Requirements of Coastal Fishes and Invertebrates (South Atlantic),
AD-A147 774/4 **04**-*508,883* PC **A05**/MF **A01**

**FWS/OBS-82/11.15**

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AD-A147 769/4 **04**-*508,878* PC **A04**/MF **A01**

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PB85-137529 **06**-*513,036* PC **A03**/MF **A01**

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AD-A151 614/5 **12**-*526,732* PC **A02**/MF **A01**

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PB85-137511 **05**-*511,008* PC **A03**/MF **A01**

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PB85-137537 **06**-*513,037* PC **A03**/MF **A01**

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PB85-152700 **10**-*521,164* PC **A06**/MF **A01**

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PB85-188175 **17**-*537,391* PC **A03**/MF **A01**

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PB85-152262 **10**-*521,160* PC **A02**/MF **A01**

**GAO/GGD-85-17**
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PB85-122521 **04**-*508,213* PC **A04**/MF **A01**

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PB85-154615 **10**-*521,306* PC **A03**/MF **A01**

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PB85-135101 **05**-*510,913* PC **A03**/MF **A01**

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PB85-210631 **19**-*542,329* PC **A04**/MF **A01**

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Advocacy in National Endowment for the Humanities' Projects Funded by Five State Councils.
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PB85-212900 **20**-*544,720* PC **A05**/MF **A01**

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PB85-149862 **08**-*515,883* PC **A02**/MF **A01**

**GAO/GGD-85-28**
Statistics on SEC's (Securities and Exchange Commission's) Enforcement Program.
PB85-195378 **17**-*537,193* PC **A04**/MF **A01**

**GAO/GGD-85-29**
Organized Crime Figures and Major Drug Traffickers: Parole Decisions and Sentences Served.
PB85-205573 **18**-*540,003* PC **A02**/MF **A01**

**GAO/GGD-85-30**
Benefit Levels of Nonfederal Retirement Programs.
PB85-174399 **14**-*531,141* PC **A03**/MF **A01**

**GAO/GGD-85-31**
Analysis of Grace Commission Proposals to Change the Civil Service Retirement System.
PB85-172302 **13**-*528,639* PC **A02**/MF **A01**

**GAO/GGD-85-32**
Report on the Implementation of the Farm Credit Act Amendments of 1980.
PB85-186575 **16**-*535,323* PC **A05**/MF **A01**

**GAO/GGD-85-37**
Options for Conducting a Pay Equity Study of Federal Pay and Classification Systems.
PB85-173268 **13**-*528,640* PC **A06**/MF **A01**

**GAO/GGD-85-44**
Information on the Use of Value Engineering in Federal Design and Construction.
PB85-186591 **17**-*537,187* PC **A02**/MF **A01**

**GAO/GGD-85-45**
U.S. Customs Service: Import Specialists' Duties and Reviews of Entry Documentation.
PB85-191039 **17**-*537,267* PC **A02**/MF **A01**

**GAO/GGD-85-52**
Mail Delivery Procedures in White Plains, New York.
PB85-208841 **19**-*542,324* PC **A02**/MF **A01**

**GAO/GGD-85-53**
Whistleblower Complainants Rarely Qualify for Office of the Special Counsel Protection.
PB85-209542 **19**-*542,327* PC **A05**/MF **A01**

**GAO/GGD-85-54**
Benefit Practices for Permanent and Temporary Federal Employees.
PB85-222511 **21**-*547,331* PC **A03**/MF **A01**

**GAO/GGD-85-55**
Relocation of the EPA (Environmental Protection Agency) Regional Office from Kansas City, Missouri, to Kansas City, Kansas.
PB85-208825 **19**-*542,323* PC **A03**/MF **A01**

**GAO/GGD-85-56**
Relocation of the EPA (Environmenal Protection Agency) Regional Office from Kansas City, Missouri, to Kansas City, Kansas.
PB85-209559 **19**-*543,638* PC **A03**/MF **A01**

**GAO/GGD-85-58**
Statistics on Sentences and Parole for Federal Offenders Who Commit Crimes Involving Firearms.
PB85-239473 **24**-*554,815* PC **A03**/MF **A01**

**GAO/GGD-85-59**
Comments on Report on Comparable Worth by the United States Commission on Civil Rights.
PB85-226231 **22**-*549,549* PC **A03**/MF **A01**

**GAO/GGD-85-61**
Reported Federal Drug Abuse Expenditures--Fiscal Years 1981 to 1985.
PB85-241339 **24**-*554,734* PC **A02**/MF **A01**

**GAO/GGD-85-67**
Coordination of Federal Drug Interdiction Efforts.
PB85-238681 **24**-*554,724* PC **A03**/MF **A01**

**GAO/GGD-85-69**
Fiscal Management of the Combined Federal Campaign.
PB85-240919 **24**-*554,731* PC **A03**/MF **A01**

**GAO/GGD-85-74**
Information on the National School Safety Center.
PB85-236883 **24**-*554,814* PC **A03**/MF **A01**

**GAO/HRD-84-2**
Better Federal Program Administration Can Contribute to Improving State Foster Care Programs.
PB85-101764 **01**-*500,558* PC **A05**/MF **A01**

**GAO/HRD-84-17**
Many Proprietary Schools Do Not Comply with Department of Education's Pell Grant Program Requirements.
PB85-102978 **01**-*500,518* PC **A04**/MF **A01**

**GAO/HRD-84-57**
ACTION's Hiring and Use of Certain Noncareer Employees and Other Personnel Matters.
PB85-102325 **02**-*503,130* PC **A04**/MF **A01**

**GAO/HRD-84-61**
Legislative Changes and Administrative Improvements Should Be Considered for FDA (Food and Drug Administration) to Better Protect the Public from Adulterated Food Products.
PB85-111946 **03**-*505,703* PC **A04**/MF **A01**

**GAO/HRD-84-62**
HHS' (Department of Health and Human Services) Implementation of Superfund Health-Related Responsibilities.
PB85-115285 **03**-*505,710* PC **A03**/MF **A01**

**GAO/HRD-84-76**
Community Services Block Grant: New State Role Brings Program and Administrative Changes.
PB85-106581 **04**-*508,163* PC **A06**/MF **A01**

**GAO/HRD-84-82**
Federal Agencies' Block Grant Civil Rights Enforcement Efforts: A Status Report.
PB85-114205 **03**-*505,512* PC **A05**/MF **A01**

**GAO/HRD-85-1**
Multiemployer Pension Plan Amendments Act, 1980: An Assessment of Funding Requirement Changes.
PB85-174373 **14**-*530,991* PC **A05**/MF **A01**

**GAO/HRD-85-4**
Job Training Partnership Act: Initial Implementation of Program for Disadvantaged Youth and Adults.
PB85-174068 **14**-*530,989* PC **A05**/MF **A01**

**GAO/HRD-85-10**
Improved Efforts Needed to Relieve Medicaid from Paying for Services Covered by Private Insurers.
PB85-167617 **12**-*526,452* PC **A04**/MF **A01**

**GAO/HRD-85-12**
Need to Strengthen Social Security's Beneficiary Reporting Requirements and Enforcement Authority.
PB85-185692 **15**-*533,061* PC **A05**/MF **A01**

**GAO/HRD-85-16**
Effects of Liabilities Assessed Employers Withdrawing from Multiemployer Pension Plans.
PB85-176733 **14**-*530,997* PC **A05**/MF **A01**

**GAO/HRD-85-17**
Review of the U.S. Army's Use of Volunteers in Research Experiments.
AD-A148 740/4 **06**-*512,873* PC **A02**/MF **A01**

**GAO/HRD-85-18**
Education Block Grant Alters State Role and Provides Greater Local Discretion.
PB85-127405 **05**-*510,904* PC **A05**/MF **A01**

**GAO/HRD-85-20**
Public Involvement in Block Grant Decisions: Multiple Opportunities Provided But Interest Groups Have Mixed Reactions to States' Efforts.
PB85-149722 **09**-*518,498* PC **A04**/MF **A01**

**GAO/HRD-85-22**
Eligibility Verification and Privacy in Federal Benefit Programs: A Delicate Balance.
PB85-174381 **14**-*531,088* PC **A06**/MF **A01**

**GAO/HRD-85-23**
Implementing Outpatient Surgery Programs in Military Hospitals Can Reduce DoD's Health Care Costs.
AD-A157 844/2 **24**-*554,995* PC **A04**/MF **A01**

**GAO/HRD-85-24**
Legislation to Authorize VA (Veterans Administration) Recoveries from Private Health Insurance Would Result in Substantial Savings.
PB85-172310 **13**-*528,754* PC **A06**/MF **A01**

**GAO/HRD-85-33**
Block Grants Brought Funding Changes and Adjustments to Program Priorities.
PB85-167609 **12**-*526,057* PC **A03**/MF **A01**

**GAO/HRD-85-36**
State Rather Than Federal Policies Provided the Framework for Managing Block Grants.
PB85-177897 **13**-*528,483* PC **A04**/MF **A01**

**GAO/HRD-85-38**
VA (Veterans Administration) can Reduce Excess Disability Payments by Improving Pay Data Exchange with the Military Services.
AD-A157 613/1 **23**-*552,181* PC **A03**/MF **A01**

**GAO/HRD-85-39**
Medicare's Policies and Prospective Payment Rates for Cardiac Pacemaker Surgeries Need Review and Revision.
PB85-208858 **19**-*542,601* PC **A05**/MF **A01**

**GAO/HRD-85-40**
Homelessness: A Complex Problem and the Federal Response.
PB85-192920 **17**-*537,396* PC **A05**/MF **A01**

**GAO/HRD-85-46**
Block Grants: Overview of Experiences to Date and Emerging Issues.
PB85-191161 **17**-*537,189* PC **A03**/MF **A01**

**GAO/HRD-85-48**
Problems in Administering Medicare's Health Maintenance Organization Demonstration Projects in Florida.
PB85-176352 **14**-*531,277* PC **A04**/MF **A01**

**GAO/HRD-85-52**
Better Patient Management Practices Could Reduce Length of Stay in VA (Veterans Administration) Hospitals.
PB85-248375 **26**-*560,339* PC **A05**/MF **A01**

**GAO/HRD-85-58**
Effects of the 1980 Multiemployer Pension Plan Amendments Act on Plan Participants' Benefits.
PB85-224616 **22**-*549,483* PC **A04**/MF **A01**

**GAO/HRD-85-62**
Review of Certain Aspects of Group Home Care for Children in California.
PB85-241180 **24**-*554,933* PC **A03**/MF **A01**

**GAO/HRD-85-66**
National Toxicology Program: Efforts to Improve Oversight of Contractors Testing Chemicals.
PB85-242006 **26**-*560,436* PC **A03**/MF **A01**

**GAO/HRD-85-72**
Financial Conditions of Multiemployer Pension Plans Generally Improved from 1978 to 1980.
PB85-236651 **24**-*554,774* PC **A05**/MF **A01**

**GAO/HRD-85-74**
Use of Unaudited Hospital Cost Data Resulted in Overstatement of Medicare's Prospective Payment System Rates.
PB85-242014 **24**-*555,067* PC **A02**/MF **A01**

**GAO/HRD-85-81**
Retirement Before Age 65 Is a Growing Trend in the Private Sector.
PB85-232262 **23**-*552,211* PC **A02**/MF **A01**

**GAO/ID-81-65**
Pricing Data on the Proposed Sale of AWACS (Airborne Warning and Control Systems) to Saudi Arabia.
AD-A146 049/2 **01**-*500,280* PC **A02**/MF **A01**

**GAO/IMTEC-85-1**
Better Management of Information Resources at the Bureau of Indian Affairs Could Reduce Waste and Improve Productivity.
PB85-144178 **07**-*514,838* PC **A04**/MF **A01**

**GAO/IMTEC-85-3**
Effective Management of Computer Leasing Needed to Reduce Government Costs.
PB85-181337 **14**-*531,005* PC **A05**/MF **A01**

**GAO/IMTEC-85-10**
Federal Aviation Administration's Host Computer: More Realistic Performance Tests Needed Before Production Begins.
PB85-216364 **20**-*544,644* PC **A02**/MF **A01**

**GAO/NSIAD-84-36**
Logistics Support Costs for the B-1B Aircraft Can Be Reduced.
PB85-111953 **02**-*504,534* PC **A04**/MF **A01**

**GAO/NSIAD-84-111**
Cost Effectiveness of Dual Sourcing for Production Price Competition Is Uncertain.
PB85-100600 **01**-*502,047* PC **A04**/MF **A01**

**GAO/NSIAD-84-150**
Navy Can Improve Management of Nonaviation Depot-Level Repairable Spares.
AD-A146 024/5 **01**-*500,392* PC **A02**/MF **A01**

**GAO/NSIAD-85-2**
Air Force Can Improve Its Forecasts of Aircraft Spare Parts Requirements.
AD-A147 911/2 **04**-*509,896* PC **A03**/MF **A01**

**GAO/NSIAD-85-3**
Chemical Testing of the Bigeye Binary Chemical Bomb.
AD-A148 778/4 **06**-*513,906* PC **A03**/MF **A01**

**GAO/NSIAD-85-4**
Implementation of the Uniformed Services Former Spouses' Protection Act.
PB85-116275 **04**-*508,209* PC **A04**/MF **A01**

**GAO/NSIAD-85-5**
DOD (Department of Defense) Manufacturing Technology Program--Management is Improving but Benefits Hard to Measure.
PB85-144186 **07**-*515,264* PC **A03**/MF **A01**

**GAO/NSIAD-85-6**
Planning for Navy Shore Facilities: Improvements Possible.
AD-A147 544/1 **03**-*506,863* PC **A03**/MF **A01**

**GAO/NSIAD-85-7**
Excessive Air Force Inventories Result from Duplicative Spare Parts Requirements.
AD-A147 777/7 **04**-*509,895* PC **A02**/MF **A01**

**GAO/NSIAD-85-9**
Analysis of DOD's Fiscal Year 1985 Multiyear Procurement Candidates.
AD-A147 349/5 **03**-*505,543* PC **A03**/MF **A01**

**GAO/NSIAD-85-11**
Better Use of Available Data Would Improve Mobilization Planning for Inductees.
PB85-117026 **03**-*506,850* PC **A03**/MF **A01**

**GAO/NSIAD-85-12**
Results of GAO's Review of DOD's Fiscal Year 1985 Ammunition Procurement and Production Base Programs.
AD-A147 351/1 **03**-*506,858* PC **A05**/MF **A01**

**GAO/NSIAD-85-14**
U.S. Participation in U. N. Program Budgets.
PB85-149888 **08**-*515,884* PC **A03**/MF **A01**

**GAO/NSIAD-85-18**
Design and Operation of Special Defense Acquisition Fund Can Be Improved.
PB85-153757 **10**-*521,115* PC **A02**/MF **A01**

**GAO/NSIAD-85-19**
Financial Management Problems in Developing Countries Reduce the Impact of Assistance.

PB85-124162 **04**-*508,120* PC **A04**/MF **A01**

**GAO/NSIAD-85-20**

Ambiguous Federal Acquisition Regulation Criteria on Defense Contractors' Public Relations Costs.
AD-A147 319/8 **03**-*505,431* PC **A02**/MF **A01**

**GAO/NSIAD-85-23**

Navy Material in Suspended, Not Ready for Issue, Condition Needs More Management Attention.
AD-A148 294/2 **05**-*512,125* PC **A02**/MF **A01**

**GAO/NSIAD-85-32**

Improvements Needed in UNESCO's (United Nations Educational, Scientific, and Cultural Organization's) Management, Personnel, Financial, and Budgeting Practices.
PB85-132900 **05**-*510,851* PC **A09**/MF **A01**

**GAO/NSIAD-85-34**

Why Some Weapon Systems Encounter Production Problems While Others Do Not: Six Case Studies.
PB85-210656 **19**-*542,330* PC **A06**/MF **A01**

**GAO/NSIAD-85-35**

U.S. Footwear Industries' Ability to Meet Military Mobilization Needs.
PB85-161107 **11**-*524,857* PC **A02**/MF **A01**

**GAO/NSIAD-85-37**

GAO (General Accounting Office) Assessment of DoD's Very High Speed Integrated Circuits (VHSIC) Technology Program.
AD-A155 109/2 **19**-*542,978* PC **A03**/MF **A01**

**GAO/NSIAD-85-41**

Efforts to Clean Up Department of Defense-Owned Inactive Hazardous Waste Disposal Sites.
AD-A154 306/5 **17**-*538,426* PC **A04**/MF **A01**

**GAO/NSIAD-85-42**

Major Defense Issues Being Addressed by the General Accounting Office.
PB85-174050 **14**-*530,988* PC **A04**/MF **A01**

**GAO/NSIAD-85-44**

Issues Affecting U.S. Territory and Insular Policy.
PB85-162436 **11**-*523,512* PC **A06**/MF **A01**

**GAO/NSIAD-85-49**

Department of Defense Functions Contracted Out under OMB Circular A-76: Contract Cost Increases and the Effects on Federal Employees.
AD-A154 170/5 **17**-*537,164* PC **A05**/MF **A01**

**GAO/NSIAD-85-51**

Navy Actions to Improve Overhaul Work at the Philadelphia Naval Shipyard.
AD-A151 620/2 **12**-*527,432* PC **A02**/MF **A01**

**GAO/NSIAD-85-53**

Analysis of the Implementation of DoD's Resources Management Public Affairs Plan.
AD-A153 110/2 **15**-*533,021* PC **A03**/MF **A01**

Analysis of the Implementation of DOD's (Department of Defense's) Resources Management Public Affairs Plan.
PB85-185213 **16**-*535,621* PC **A03**/MF **A01**

**GAO/NSIAD-85-55**

Navy Can Increase Cancellations of Procurements for Unneeded Material.
AD-A156 293/3 **21**-*548,740* PC **A02**/MF **A01**

**GAO/NSIAD-85-56**

Stricter Enforcement of Refugees' Transportation Loan Repayments Needed.
PB85-174365 **14**-*530,990* PC **A03**/MF **A01**

**GAO/NSIAD-85-57**

Helsinki Commission: The First 8 Years.
PB85-181345 **14**-*531,063* PC **A03**/MF **A01**

**GAO/NSIAD-85-61**

Actions Taken by DoD on GAO Recommendations to Improve Spare Parts Requirements Determination.
AD-A157 891/3 **24**-*556,184* PC **A03**/MF **A01**

**GAO/NSIAD-85-62**

Issues Affecting Appropriations for the African Development Foundation.
PB85-202281 **18**-*539,904* PC **A03**/MF **A01**

**GAO/NSIAD-85-68**

Production of Some Major Weapon Systems Began with Only Limited Operational Test and Evaluation Results.
PB85-226249 **22**-*550,875* PC **A04**/MF **A01**

**GAO/NSIAD-85-71**

Navy can Improve Material Management at Naval Shipyards.
AD-A154 528/4 **18**-*541,370* PC **A03**/MF **A01**

**GAO/NSIAD-85-72**

Improved Controls Needed over Waivers of the Armed Services Exchange Regulations.
AD-A157 845/9 **24**-*556,183* PC **A02**/MF **A01**

**GAO/NSIAD-85-73**

Improvements Needed in the Army's Program for Developing Extension Training Materials for Use by Soldiers in Field Units.
PB85-221752 **21**-*547,465* PC **A03**/MF **A01**

**GAO/NSIAD-85-74**

Transportation of Public Law 480 Commodities--Efforts Needed to Eliminate Unnecessary Costs.
PB85-222727 **21**-*547,227* PC **A04**/MF **A01**

**GAO/NSIAD-85-76**

Acquisition of Navy Land-Based Test Sites Can Be Better Managed.
AD-A155 036/7 **18**-*541,379* PC **A03**/MF **A01**

**GAO/NSIAD-85-77**

Foreign Industrial Targeting--U.S. Trade Law Remedies.
PB85-210664 **19**-*542,418* PC **A03**/MF **A01**

**GAO/NSIAD-85-78**

Status of the Intercontinental Ballistic Missile Modernization Program.
AD-A157 375/7 **23**-*553,754* PC **A03**/MF **A01**

**GAO/NSIAD-85-79**

Use of Special Presidential Authorities for Foreign Assistance.
PB85-210672 **19**-*542,442* PC **A06**/MF **A01**

**GAO/NSIAD-85-83**

Requirements for Munitions Lift Trailers to Support Strategic Bombers.
AD-A155 526/7 **19**-*543,756* PC **A02**/MF **A01**

**GAO/NSIAD-85-86**

U.S. Assistance to Haiti: Progress Made, Challenges Remain.
PB85-231876 **23**-*552,116* PC **A05**/MF **A01**

**GAO/NSIAD-85-89**

Review of Oklahoma City Air Logistics Center's Dekitting Policy.
PB85-232247 **23**-*553,744* PC **A02**/MF **A01**

**GAO/NSIAD-85-94**

Navy Should Join the Air Force and Army Program to Develop an Advanced Integrated Avionics System.
PB85-222503 **21**-*547,221* PC **A02**/MF **A01**

**GAO/NSIAD-85-97**

Key Issues Concerning Department of State's New Financial Management Centers.
PB85-224376 **22**-*549,481* PC **A03**/MF **A01**

**GAO/NSIAD-85-104**

Status of the U.S. Antisatellite Program.
PB85-224608 **22**-*549,482* PC **A02**/MF **A01**

**GAO/NSIAD-85-105**

Financial and Management Improvements Needed in the Food for Development Program.
PB85-236875 **23**-*552,317* PC **A04**/MF **A01**

**GAO/NSIAD-85-109**

U.S. Economic Assistance Program for Egypt Poses a Management Challenge for AiD (Agency for International Development).
PB85-236123 **24**-*554,773* PC **A04**/MF **A01**

**GAO/NSIAD-85-112**

DOD (Department of Defense) Guidance on the Combined Procurement Procedure Needs Provisions for Audit Verification.
PB85-232254 **23**-*553,745* PC **A02**/MF **A01**

**GAO/NSIAD-85-113**

Leased Military Housing Costs in Europe Can Be Reduced by Improving Acquisition Practices and Using Purchase Contracts.
PB85-245942 **26**-*560,197* PC **A04**/MF **A01**

**GAO/NSIAD-85-114**

Military Tour-Length and Tour-Curtailment Policies and Practices.
PB85-232239 **23**-*552,117* PC **A03**/MF **A01**

**GAO/NSIAD-85-115**

Army's Quality Deficiency Report System: Generally Effective but Some Changes Needed.
PB85-230597 **23**-*552,077* PC **A04**/MF **A01**

**GAO/NSIAD-85-117**

Evaluation of Army's Mobile Subscriber Equipment Program.
PB85-239432 **24**-*556,190* PC **A02**/MF **A01**

**GAO/NSIAD-85-129**

Management of Naval Supply Center Labor Resources Can Be Improved.
PB85-240976 **24**-*554,732* PC **A02**/MF **A01**

**GAO/OCG-85-1**

Compendium of GAO's (General Accounting Office's) Views on the Cost Savings Proposals of the Grace Commission. Vol. 1. Summary of Findings.
PB85-177889 **13**-*528,570* PC **A05**/MF **A01**

**GAO/PLRD-82-91**

Army Should Evaluate the Need for Previously Planned Military Facilities.
AD-A145 875/1 **01**-*500,380* PC **A02**/MF **A01**

**GAO/RCED-84-61**

Defense Fuel Supply Center Procedures for Purchasing Strategic Petroleum Reserve Oil.
PB85-106599 **03**-*507,837* PC **A03**/MF **A01**

**GAO/RCED-84-85**

Status of the Great Plains Coal Gasification Project - May 31, 1984.
PB85-101137 **01**-*502,718* PC **A02**/MF **A01**

Status of the Great Plains Coal Gasification Project - May 31, 1984.
PB85-104396 **01**-*502,730* PC **A02**/MF **A01**

**GAO/RCED-84-98**

Procedures Need Strengthening in the U.S. Synthetic Fuels Corporation's Conflict of Interest Program.
PB85-115830 **03**-*505,451* PC **A03**/MF **A01**

**GAO/RCED-84-109**

National Academy of Sciences' Reports on Diet and Health--Are They Credible and Consistent.
AD-A145 760/5 **01**-*500,619* PC **A05**/MF **A01**

National Academy of Sciences' Reports on Diet and Health - Are They Credible and Consistent.
PB85-103463 **01**-*500,683* PC **A06**/MF **A01**

National Academy of Sciences' Reports on Diet and Health - Are They Credible and Consistent.
PB85-108462 **01**-*500,705* PC **A06**/MF **A01**

**GAO/RCED-84-149**

Management Weaknesses Affect Nuclear Regulatory Commission Efforts to Address Safety Issues Common to Nuclear Power Plants.
PB85-104404 **01**-*502,160* PC **A04**/MF **A01**

**GAO/RCED-84-150**

Establishing New Federal Food-Buying Procedures Would Help Eliminate Unnecessary Special Examinations.
PB85-104057 **01**-*500,260* PC **A04**/MF **A01**

**GAO/RCED-84-158**

Los Angeles County Sheriff's Request for Radio Frequencies.
PB85-104081 **01**-*502,099* PC **A04**/MF **A01**

**GAO/RCED-84-163**

EPA (Environmental Protection Agency) Needs to Improve Its Oversight of Air Pollution Control Grant Expenditures.
PB85-111961 **02**-*504,344* PC **A03**/MF **A01**

**GAO/RCED-84-166**

Implementation of the Pacific Northwest Electric Power Planning and Conservation Act's Fish and Wildlife Provisions.
PB85-103158 **01**-*501,782* PC **A03**/MF **A01**

**GAO/RCED-84-188**

Status of Civilian Federal Agencies' Efforts to Address Hazardous Waste Problems on Their Lands.
PB85-111227 **02**-*504,339* PC **A06**/MF **A01**

**GAO/RCED-84-201**

Status of EPA's (Environmental Protection Agency's) Air Quality Standards for Carbon Monoxide.
PB85-107886 **01**-*501,814* PC **A03**/MF **A01**

**GAO/RCED-85-1**

Amtrak's Northeast Corridor Trains Operate with a One-Person Locomotive Crew.
PB85-195386 **17**-*537,361* PC **A03**/MF **A01**

**GAO/RCED-85-2**

Illegal Disposal of Hazardous Waste: Difficult to Detect or Deter.
PB85-188217 **15**-*534,220* PC **A05**/MF **A01**

**GAO/RCED-85-3**

EPA (Environmental Protection Agency) Could Benefit from Comprehensive Management Information on Superfund Enforcement Actions.
PB85-149870 **08**-*515,919* PC **A02**/MF **A01**

**GAO/RCED-85-5**

Better Inspection Management Would Improve Oversight of Operating Nuclear Plants.
PB85-195360 **17**-*538,922* PC **A04**/MF **A01**

**GAO/RCED-85-6**

Selectively Reducing Offshore Royalty Rates in the Gulf of Mexico Could Increase Oil Production and Federal Government Revenue.
PB85-210649 **19**-*542,441* PC **A04**/MF **A01**

**GAO/RCED-85-8**

Department of Agriculture's Animal Welfare Program.
PB85-210615 **19**-*542,155* PC **A05**/MF **A01**

**GAO/RCED-85-11**

Probabilistic Risk Assessment: An Emerging Aid to Nuclear Power Plant Safety Regulation.
PB85-224590 **22**-*551,127* PC **A06**/MF **A01**

**GAO/RCED-85-12**

Environmental Protection Agency Should Better Manage its Use of Contractors.
PB85-158152 **10**-*521,121* PC **A04**/MF **A01**

**GAO/RCED-85-13**

Analysis of Issues Concerning 'Acid Rain'.
PB85-149144 **08**-*517,135* PC **A10**/MF **A01**

**GAO/RCED-85-14**

Greater Use of Value Engineering Has the Potential to Save the Department of Transportation Millions in Construction Costs.
PB85-122539 **04**-*508,177* PC **A04**/MF **A01**

**GAO/RCED-85-15**

Outlook for Expanding the Federal Research in Progress System.
AD-A148 354/4 **05**-*510,731* PC **A02**/MF **A01**

**GAO/RCED-85-16**

Forest Service's Program to Identify Unneeded Land for Potential Sale Is Stalled.

PB85-124469 **04**-*508,011* PC **A03**/MF **A01**

**GAO/RCED-85-17**

Potential Impacts of Tighter Forest Service Log Export Restrictions.

PB85-161131 **11**-*523,307* PC **A03**/MF **A01**

**GAO/RCED-85-18**

Additional Actions Taken to Control Marijuana Cultivation and Other Crimes on Federal Lands.

PB85-137610 **05**-*510,853* PC **A05**/MF **A01**

**GAO/RCED-85-19**

U.S. Sweetener/Sugar Issues and Concerns.

PB85-127389 **05**-*510,848* PC **A04**/MF **A01**

**GAO/RCED-85-20**

Controls Over Export Sales Reporting and Futures Trading Help Ensure Fairness, Integrity, and Pricing Efficiency in the U.S. Grain Marketing System.

PB85-194629 **17**-*537,049* PC **A06**/MF **A01**

**GAO/RCED-85-21**

Program to Transfer Land between the Bureau of Land Management and the Forest Service Has Stalled.

PB85-173748 **13**-*529,674* PC **A04**/MF **A01**

**GAO/RCED-85-22**

Vehicle Emissions Inspection and Maintenance Program Is Behind Schedule.

PB85-165686 **12**-*527,389* PC **A04**/MF **A01**

Vehicle Emissions Inspection and Maintenance Program is Behind Schedule.

PB85-172013 **13**-*529,663* PC **A04**/MF **A01**

**GAO/RCED-85-23**

Department of Energy Acting to Control Hazardous Wastes at Its Savannah River Nuclear Facilities.

PB85-134435 **05**-*511,906* PC **A03**/MF **A01**

Department of Energy Acting to Control Hazardous Wastes at Its Savannah River Nuclear Facilities.

PB85-137594 **06**-*513,751* PC **A03**/MF **A01**

**GAO/RCED-85-24**

FAA (Federal Aviation Administration) Could Improve Overall Aviation Safety and Reduce Costs Associated with Airport Instrument Landing Systems.

PB85-195444 **17**-*537,043* PC **A03**/MF **A01**

**GAO/RCED-85-25**

Bureau of Reclamation Could Identify More Unneeded Land.

PB85-195402 **17**-*538,492* PC **A04**/MF **A01**

**GAO/RCED-85-26**

UMTA (Urban Mass Transportation Administration) Needs Better Assurance That Grantees Comply with Selected Federal Requirements.

PB85-172328 **13**-*528,480* PC **A04**/MF **A01**

**GAO/RCED-85-27**

Department of Energy's Initial Efforts to Implement the Nuclear Waste Policy Act of 1982.

PB85-158087 **10**-*522,707* PC **A05**/MF **A01**

**GAO/RCED-85-28**

Department of Transportation's Motor Vehicle Defect-Testing Procedures Were Reasonable--Public Announcements of Potential Safety Defects Could Be Improved.

PB85-139590 **06**-*513,844* PC **A04**/MF **A01**

**GAO/RCED-85-29**

Improving the Process for Allocating Loan Management Set-Aside Funds to Multifamily Housing Projects.

PB85-132041 **05**-*510,938* PC **A03**/MF **A01**

**GAO/RCED-85-30**

Department of Agriculture and Producer Costs to Operate the Tobacco Program.

PB85-167583 **12**-*526,125* PC **A03**/MF **A01**

**GAO/RCED-85-31**

Information on the Federal Highway Administration's Disadvantaged Business Enterprise Program.

PB85-179034 **13**-*528,484* PC **A04**/MF **A01**

**GAO/RCED-85-32**

Florida's Sunshine Skyway Bridge--Design and Construction Concerns.

PB85-146447 **08**-*517,235* PC **A03**/MF **A01**

**GAO/RCED-85-33**

Department of the Interior's Office of Surface Mining Should More Fully Recover or Eliminate Its Cost of Regulating Coal Mining.

PB85-215242 **22**-*550,143* PC **A06**/MF **A01**

**GAO/RCED-85-37**

What is the Extent of Foreign Participation in Mineral Leases and Mining Claims on Federal Land. GAO (General Accounting Office) Analyzes Three States.

PB85-150688 **08**-*515,942* PC **A03**/MF **A01**

**GAO/RCED-85-38**

Debentures Not Serving Purposes HUD (Department of Housing and Urban Development) Intended - Legislative Changes Could Help Increase Effectiveness and Minimize Interest Costs.

PB85-176725 **14**-*531,190* PC **A03**/MF **A01**

**GAO/RCED-85-39**

Federal Insurance Program for Grain Warehouse Depositors--Issues and Information.

PB85-185221 **16**-*535,337* PC **A03**/MF **A01**

**GAO/RCED-85-40**

Status of Strategic Petroleum Reserve Activities as of September 30, 1984.

PB85-119998 **04**-*509,012* PC **A03**/MF **A01**

**GAO/RCED-85-41**

Corps of Engineers Should Revise Its Policy for Identifying Unneeded Land.

AD-A153 194/6 **15**-*533,075* PC **A03**/MF **A01**

**GAO/RCED-85-42**

Status of the Department of Energy's Implementation of the Nuclear Waste Policy Act of 1982 as of September 30, 1984.

PB85-120376 **04**-*510,077* PC **A03**/MF **A01**

**GAO/RCED-85-44**

Bureau of Land Management's Efforts to Identify Land for Disposal.

PB85-194637 **17**-*537,192* PC **A03**/MF **A01**

Bureau of Land Management's Efforts to Identify Land for Disposal.

PB85-195428 **17**-*537,313* PC **A03**/MF **A01**

**GAO/RCED-85-48**

Natural Gas Price Increases in Detroit.

PB85-165694 **12**-*528,229* PC **A03**/MF **A01**

**GAO/RCED-85-49**

Problems Identified in FERC's (Federal Energy Regulatory Commission) Incentive Pricing Program for Natural Gas from Tight Formations.

PB85-231694 **23**-*552,078* PC **A04**/MF **A01**

**GAO/RCED-85-52**

Examination of Funds Received by the Federal Government Under Leases of Mineral Rights on the Bullhook Gas Unit.

PB85-201739 **18**-*539,903* PC **A03**/MF **A01**

**GAO/RCED-85-54**

Clearer EPA (Environmental Protection Agency) Superfund Program Policies Should Improve Cleanup Efforts.

PB85-167591 **12**-*527,295* PC **A03**/MF **A01**

**GAO/RCED-85-55**

Opportunities and Constraints for Expanding Use of Research Facilities at the National Bureau of Standards.

PB85-178572 **14**-*531,001* PC **A05**/MF **A01**

**GAO/RCED-85-57**

Role of Marketing Orders in Establishing and Maintaining Orderly Marketing Conditions.

PB85-236115 **23**-*551,951* PC **A06**/MF **A01**

**GAO/RCED-85-58**

Status of Strategic Petroleum Reserve Activities as of December 31, 1984.

PB85-161123 **11**-*524,156* PC **A03**/MF **A01**

**GAO/RCED-85-59**

Management Improvement Could Enhance Enforcement of Coast Guard Marine Safety Programs.

PB85-239424 **24**-*554,725* PC **A04**/MF **A01**

**GAO/RCED-85-65**

Status of the Department of Energy's Implementation of the Nuclear Waste Policy Act of 1982 as of December 31, 1984.

PB85-169712 **12**-*527,806* PC **A04**/MF **A01**

**GAO/RCED-85-66**

Early Assessment of Interior's Area-Wide Program for Leasing Offshore Lands.

PB85-235000 **23**-*553,085* PC **A06**/MF **A01**

**GAO/RCED-85-67**

Participants Are Satisfied with Mandatory Meal Programs in HUD (Housing and Urban Development) Projects.

PB85-174357 **14**-*531,309* PC **A03**/MF **A01**

**GAO/RCED-85-68**

Interior Has Taken Steps to Improve the Adequacy of Data Used for Making Outer Continental Shelf Leasing Decisions.

PB85-198042 **18**-*540,472* PC **A03**/MF **A01**

**GAO/RCED-85-69**

Cleaning Up Hazardous Wastes: An Overview of Superfund Reauthorization Issues.

PB85-186815 **15**-*534,215* PC **A05**/MF **A01**

**GAO/RCED-85-70**

Financial Status of the Great Plains Coal Gasification Project.

PB85-174407 **14**-*532,824* PC **A03**/MF **A01**

**GAO/RCED-85-72**

Nuclear Regulatory Commission Should Report on Progress in Implementing Lessons Learned from the Three Mile Island Accident.

PB85-242212 **24**-*556,518* PC **A06**/MF **A01**

**GAO/RCED-85-73**

EPA's (Environmental Protection Agency's) Delegation of Responsibilities to Prevent Significant Deterioration of Air Quality: How Is It Working.

PB85-205565 **18**-*539,850* PC **A03**/MF **A01**

**GAO/RCED-85-77**

Urban Development Action Grant Application Selection System: Basis, Criticisms, and Alternatives.

PB85-176360 **14**-*531,188* PC **A04**/MF **A01**

**GAO/RCED-85-78**

Installation of Automated Weather Observing Systems by FAA (Federal Aviation Administration) at Commercial Airports Is Not Justified.

PB85-241347 **25**-*557,317* PC **A03**/MF **A01**

**GAO/RCED-85-79**

Urban Mass Transportation Administration's New Formula Grant Program: Operating Flexibility and Process Simplification.

PB85-242188 **24**-*555,986* PC **A04**/MF **A01**

**GAO/RCED-85-80**

Evaluation of the Department of Energy's Plan to Sell Oil from the Strategic Petroleum Reserve.

PB85-218725 **20**-*547,150* PC **A05**/MF **A01**

**GAO/RCED-85-84**

Farmers Home Administration County Supervisors' and Farmers' Views on the New Coordinated Financial Statements.

PB85-236867 **24**-*554,600* PC **A03**/MF **A01**

**GAO/RCED-85-87**

Summary of GAO (General Accounting Office) Reports Issued Since 1981 Pertaining to Farm Bill Legislation.

PB85-231686 **23**-*551,947* PC **A10**/MF **A01**

**GAO/RCED-85-88**

Issues Surrounding Continuation of the Noncompetitive Oil and Gas Lottery System.

PB85-195410 **17**-*537,195* PC **A04**/MF **A01**

**GAO/RCED-85-91**

School District Officials Face Problems in Dealing with Asbestos in Their Schools.

PB85-180552 **14**-*531,287* PC **A04**/MF **A01**

**GAO/RCED-85-93**

Public Housing Vacancies and the Related Impact of HUD's (Department of Housing and Urban Development) Proposal to Reduce Operating Subsidies.

PB85-185239 **15**-*533,202* PC **A03**/MF **A01**

**GAO/RCED-85-94**

Federal Agencies' Policies and Practices Are in Accordance with Patent and Trademark Amendments of 1980.

AD-A158 719/5 **25**-*557,406* PC **A03**/MF **A01**

**GAO/RCED-85-95**

NOAA (National Oceanic and Atmospheric Administration) Is Improving Its A-76 Program to Correct Early Problems.

PB85-242170 **24**-*554,736* PC **A03**/MF **A01**

**GAO/RCED-85-96**

DOE's (Department of Energy) Physics Accelerators: Their Costs and Benefits.

PB85-186583 **16**-*536,796* PC **A06**/MF **A01**

**GAO/RCED-85-97**

Federal and State Methanol Fuel Projects, Coordination, and State Tax Incentives.

PB85-205581 **18**-*540,804* PC **A06**/MF **A01**

**GAO/RCED-85-98**

Quality Control Error Rates for the Food Stamp Program.

PB85-195436 **17**-*537,400* PC **A03**/MF **A01**

**GAO/RCED-85-102**

Federal National Mortgage Association in a Changing Economic Environment.

PB85-193878 **17**-*537,398* PC **A08**/MF **A01**

**GAO/RCED-85-102A**

Federal National Mortgage Association in a Changing Economic Environment. Supplement.

PB85-240968 **24**-*554,932* PC **A11**/MF **A01**

**GAO/RCED-85-106**

Survey of Small Businesses' Reactions to Changes in the Costs of Telephone Service.

PB85-218766 **20**-*544,651* PC **A04**/MF **A01**

**GAO/RCED-85-108**

Changes in Rent Burdens and Housing Conditions of Lower Income Households.

PB85-193415 **17**-*537,397* PC **A02**/MF **A01**

**GAO/RCED-85-109**

Overview and Perspectives on the Food Stamp Program.

PB85-199867 **18**-*539,992* PC **A05**/MF **A01**

Overview and Perspectives on the Food Stamp Program.

PB85-203099 **18**-*539,847* PC **A05**/MF **A01**

**GAO/RCED-85-111**

Status of Strategic Petroleum Reserve Activities as of March 31, 1985.

PB85-199875 **18**-*540,519* PC **A03**/MF **A01**

**GAO/RCED-85-112**

Impact of Federal Tax Provisions on Resyndication of Federally Assisted Rental Housing.

PB85-234862 **23**-*552,122* PC **A03**/MF **A01**

**GAO/RCED-85-113**

Optional Development Strategies for the Strategic Petroleum Reserve.

PB85-199883 **18**-*542,011* PC **A04**/MF **A01**

**GAO/RCED-85-114**
Federal Rental Housing Production Incentives: Effect on Rents and Investor Returns.
PB85-205599 **17**-*537,405* PC **A03**/MF **A01**

**GAO/RCED-85-115**
Analysis of Oil Withdrawal and Distribution Tests for the Strategic Petroleum Reserve.
PB85-208833 **19**-*544,404* PC **A03**/MF **A01**

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PB85-199891 **18**-*541,564* PC **A03**/MF **A01**

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Optional Development Strategies for the Strategic Petroleum Reserve.
PB85-206100 **18**-*542,015* PC **A04**/MF **A01**

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Analysis of Certain Aspects of the Proposed Agricultural Efficiency and Equity Act of 1985.
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Surface Coal Mining Operations in Two Oklahoma Counties Raise Questions About Prime Farmland Reclamation and Bond Adequacy.
PB85-241941 **26**-*660,022* PC **A03**/MF **A01**

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Status of Strategic Petroleum Reserve Activities as of June 30, 1985.
PB85-241990 **26**-*562,044* PC **A03**/MF **A01**

**GAO/RCED-85-151**
Benefits and Limitations of Economic Policy Responses to an Oil Supply Disruption.
PB85-241008 **24**-*554,733* PC **A03**/MF **A01**

**GAO/RCED-85-156**
Status of the Department of Energy's Implementation of the Nuclear Waste Policy Act of 1982 as of June 30, 1985.
PB85-240950 **24**-*556,440* PC **A03**/MF **A01**

**GAO/RCED-85-157**
Compilation and Analysis of the Federal Aviation Administration's Inspection of a Sample of Commercial Air Carriers.
PB85-241198 **24**-*554,585* PC **A08**/MF **A01**

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DE85013128 **22**-*551,211* PC **A02**/MF **A01**

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**GAT-S-33**
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PB85-177244 **12**-*527,442* PC **A08**/MF **A01**

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PB85-170421 **10**-*522,251* PC **A05**/MF **A01**

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PB85-152825 **08**-*517,224* PC **A06**/MF **A01**

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PB85-118487 **02**-*505,214* PC **A03**/MF **A01**

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PB85-159473 **09**-*519,710* PC **A03**/MF **A01**

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**GRI-84/0191**

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PB85-156958 **07**-*515,674* PC **A09**/MF **A01**

**GRI-84/0192**

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PB85-156966 **07**-*515,675* PC **A08**/MF **A01**

**GRI-84/0193**

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PB85-149821 **06**-*514,281* PC **A04**/MF **A01**

**GRI-84/0195**

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PB85-161941 **08**-*518,268* PC **A11**/MF **A01**

**GRI-84/0198**

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**GRI-84/0201**

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PB85-220614 **18**-*542,017* PC **A05**/MF **A01**

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PB85-149847 **06**-*513,701* PC **A04**/MF **A01**

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PB85-155976 **07**-*514,726* PC **A03**/MF **A01**

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PB85-149698 **07**-*514,716* PC **A05**/MF **A01**

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PB85-160612 **08**-*516,546* PC **A07**/MF **A01**

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PB85-135275 **04**-*509,589* PC **A04**/MF **A01**

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**GRI-84/0222**

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PB85-198455 **16**-*536,340* PC **A08**/MF **A01**

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PB85-188332 **14**-*532,835* PC **A04**/MF **A01**

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**GSI-84-3(PREPR.)**
Structure of Giant Nuclear Molecules.
DE84751617 **09**-*520,413* PC **A02**/MF **A01**

**GSI-84-4**
Preacceleration of Heavy Ions at High Currents.
DE84752240 **15**-*534,810* PC **A02**/MF **A01**

**GSI-84-4(PREPR.)**
Fusion of the System sup 90 Zr + sup 90 Zr.
DE84751616 **03**-*507,583* PC **A02**/MF **A01**

**GSI-84-5**
Studies on the Feasibility of Heavy Ion Beams for Inertial Confinement Fusion.
DE85750770 **16**-*536,558* PC **A05**/MF **A01**

**GSI-84-5-PREPR.**

Experimental Results with a Very-Heavy-Ion RFQ Accelerating Structure at GSI.
DE84751781 **04**-*510,243* PC **A02**/MF **A01**

**GSI-84-6**

Reaction Mechanisms in the Collision of sup 92 Mo on sup 92 Mo at an Incident Energy of 14.7 MeV/Nucleon.
DE85750292 **15**-*534,899* PC **A06**/MF **A01**

**GSI-84-7**

Atomic Excitations in Heavy Ion Collisions with Nuclear Contact.
DE85750508 **20**-*546,752* PC **A14**/MF **A01**

**GSI-84-7-PREPR.**

Observation of Structure in nn pi exp + Invariant Mass Spectra.
DE84751780 **03**-*507,587* PC **A02**/MF **A01**

**GSI-84-8**

Collinear Laser Spectroscopy on In Isotopes from Heavy Ion Fusion Reactions.
DE85750722 **15**-*534,954* PC **A06**/MF **A01**

**GSI-84-8-PREPR.**

Narrow Positron Lines from U-U and U-Th Collisions.
DE84751782 **03**-*507,588* PC **A02**/MF **A01**

**GSI-84-9**

Description of Relativistic Nucleus-Nucleus Collisions in a Field Theoretical Model.
DE85780760 **16**-*536,845* PC **A11**/MF **A01**

**GSI-84-9(PREPR.)**

Thermalization in High Energy Nuclear Collisions.
DE84751619 **03**-*507,584* PC **A02**/MF **A01**

**GSI-84-10**

Study of the Space Charge Potential of Ion Beams.
DE85750577 **15**-*534,826* PC **A05**/MF **A01**

**GSI-84-10(PREPR.)**

Electron Emission and Positron Production in Deep-Inelastic Heavy-Ion Reactions.
DE84751624 **03**-*507,585* PC **A02**/MF **A01**

**GSI-84-11-PREPR.**

Collective Flow Observed in Relativistic Nuclear Collisions.
DE84751787 **03**-*507,589* PC **A02**/MF **A01**

**GSI-84-12**

Research and Development Program 1985 (for the Gesellschaft fuer Schwerionenforschung m.b.H., Darmstadt, Federal Republic of Germany).
DE85751519 **20**-*546,796* PC **A05**/MF **A01**

**GSI-84-12-PREPR.**

Relativistic Wave Packets and delta-Electron Emission.
DE84751813 **03**-*507,593* PC **A03**/MF **A01**

**GSI-84-13-PREPR.**

B(E2) Values in Rotational Bands.
DE84751822 **03**-*507,595* PC **A02**/MF **A01**

**GSI-84-14**

MAXILAC As a High Current UNILAC Injector.
DE85780761 **15**-*534,841* PC **A03**/MF **A01**

**GSI-84-14-PREPR.**

Spectroscopy around sup 100 Sn.
DE84751788 **03**-*507,590* PC **A02**/MF **A01**

**GSI-84-15**

Heavy Ion Replacement for the First Tank of the Old CERN Linac.
DE85780762 **15**-*534,842* PC **A02**/MF **A01**

**GSI-84-15-PREPR.**

Dynamical Aspects of Intermediate Energy Nucleus-Nucleus Collisions.
DE84751825 **03**-*507,597* PC **A03**/MF **A01**

**GSI-84-16-PREPR.**

Delta Electron Emission in the Superheavy Systems I-Pb, I-U and Au-U.
DE84751823 **03**-*507,596* PC **A02**/MF **A01**

**GSI-84-17**

Studies on the Feasibility of Heavy Ion Beams for Inertial Confinement Fusion.
DE85751124 **22**-*551,059* PC **A07**/MF **A01**

**GSI-84-17(PREPR.)**

New Developments in the Application of Gas-Jet and on-Line Chemistry Techniques to Heavy Ion Reactions with Exotic Targets.
DE84752097 **09**-*520,257* PC **A02**/MF **A01**

**GSI-84-18**

Future Accelerators and Experimental Facilities at GSI (Gesellschaft fuer Schwerionenforschung m.b.H., Darmstadt, Federal Republic of Germany).
DE85751518 **20**-*546,570* PC **A02**/MF **A01**

**GSI-84-18(PREPR.)**

Explicit Treatment of n-Body Correlations within a Density-Matrix Formalism.
DE84752118 **09**-*520,434* PC **A03**/MF **A01**

**GSI-84-19**

Backbending in sup 242 Pu and sup 244 Pu.
DE85751534 **20**-*546,801* PC **A05**/MF **A01**

**GSI-84-20(PREPR.)**

Influence of the Nuclear Asymmetry and Coulomb Force on the Surface Width of the Nuclear Mass Densities.
DE84752116 **20**-*546,635* PC **A02**/MF **A01**

**GSI-84-21(PREPR.)**

Measurement of the beta -Decay Branch in sup 180 Lu to Sup(180M)Hf for Investigation of the R-Process Nucleosynthesis of Sup(180M)Ta.
DE84752129 **09**-*520,436* PC **A02**/MF **A01**

**GSI-84-22(PREPR.)**

Co-Operative Mechanism of Subthreshold Pion Production.
DE84752130 **09**-*520,437* PC **A03**/MF **A01**

**GSI-84-23(PREPR.)**

Colour Rope Model for Extreme Relativistic Heavy Ion Collisions.
DE84752131 **09**-*520,438* PC **A03**/MF **A01**

**GSI-84-24(PREPR.)**

Storage Ring Physics Issues for GSI Program.
DE84752157 **05**-*512,474* PC **A02**/MF **A01**

**GSI-84-25(PREPR.)**

Suppression of Microwave Instabilities.
DE84752156 **08**-*517,813* PC **A02**/MF **A01**

**GSI-84-26(PREPR.)**

Recent Investigations of Nuclei Far from Stability, Performed at the GSI on-Line Mass Separator.
DE84752128 **09**-*520,435* PC **A02**/MF **A01**

**GSI-84-27(PREPR.)**

Diabatic Emission of Neutrons: A Probe for the Energy-Dissipation Mechanism in Nucleus-Nucleus Collisions.
DE84752245 **11**-*525,433* PC **A02**/MF **A01**

**GSI-84-29(PREPR.)**

Spectroscopy of Direct and beta -Delayed Proton 'Northwest' of sup 146 Gd.
DE84752244 **15**-*534,845* PC **A02**/MF **A01**

**GSI-84-30(PREPR.)**

Quantal Brownian Motion from RPA Dynamics: The Master and Fokker-Planck Equations.
DE84752255 **09**-*520,641* PC **A03**/MF **A01**

**GSI-84-31(PREPR.)**

Prolate to Oblate Shape Transition at High Spin in the N = 88 Isotones.
DE84752256 **09**-*520,442* PC **A02**/MF **A01**

**GSI-84-32-PREPR.**

Particle Exchange as the Dissipative Mechanism in Nucleus-Nucleus Collisions.
DE84752292 **20**-*546,636* PC **A02**/MF **A01**

**GSI-84-34-PREPR.**

Empirical Description of the Element Production Cross Sections in Dissipative Heavy-Ion Collisions.
DE84752337 **20**-*546,639* PC **A03**/MF **A01**

**GSI-84-35-PREPR.**

Stopping Power and Collective Flow of Nuclear Matter in the Reaction Ar + Pb at 0.8 GeV/U.
DE85750015 **09**-*520,563* PC **A02**/MF **A01**

**GSI-84-36-PREPR.**

Sup 92 Mo + sup 92 Mo Reaction at 14.7 MeV/U: Approaching the Limits of the Classical Deep-Inelastic Process.
DE84752336 **10**-*523,001* PC **A02**/MF **A01**

**GSI-84-38(PREPR.)**

Nuclear Matter Bulk Density in the Droplet and Hartree-Fock Models.
DE85750091 **11**-*525,498* PC **A04**/MF **A01**

**GSI-84-39(PREPR.)**

Subthreshold Pion Production: Nucleon-Nucleon Single Collisions Vs. Co-Operative Mechanisms.
DE85750093 **11**-*525,500* PC **A03**/MF **A01**

**GSI-84-40(PREPR.)**

Pionic Bremsstrahlung in Heavy-Ion Collisions.
DE85750094 **11**-*525,501* PC **A02**/MF **A01**

**GSI-84-41(PREPR.)**

Unified Model of Dilute and Superdense Finite Nuclear Systems.
DE85750092 **11**-*525,499* PC **A02**/MF **A01**

**GSI-84-42(PREPR.)**

Intense Beams of Mass-Separated, Neutron-Deficient Indium, Tin and Lead Isotopes.
DE85750301 **15**-*534,824* PC **A02**/MF **A01**

**GSI-84-43(PREPR.)**

Positron Spectroscopy of Supercritical Heavy Ion Collision Systems.
DE85750271 **15**-*534,889* PC **A03**/MF **A01**

**GSI-84-44(PREPR.)**

Mean-Field Dynamics Versus Two-Body Collisions at Intermediate Energy Heavy-Ion Reactions.
DE85750270 **15**-*534,888* PC **A03**/MF **A01**

**GSI-84-45(PREPR.)**

Quantum Interference and Statistical Fluctuations in Deep Inelastic Heavy-Ion Reactions.
DE85750272 **15**-*534,890* PC **A03**/MF **A01**

**GSI-84-46(PREPR.)**

Dissipation and Fluctuation of the Relative Momentum in Nucleus-Nucleus Collisions.
DE85750273 **15**-*534,891* PC **A04**/MF **A01**

**GSI-84-47(PREPR.)**

Discovery of Element 108 - the Island of alpha -Active Nuclei Beyond Element 105.
DE85750269 **15**-*534,887* PC **A03**/MF **A01**

**GSI-84-48-PREPR.**

Future Physics at Isotope Separators.
DE85750486 **15**-*534,901* PC **A02**/MF **A01**

**GSI-84-49-PREPR.**

Special Aspects on Nuclear Targets for High-Energy Heavy-Ion Accelerator Experiments.
DE85750487 **15**-*534,825* PC **A03**/MF **A01**

**GSI-84-50-PREPR.**

Elastoplasticity: A Link Between Giant Vibrations and Overdamped Motion.
DE85750518 **15**-*534,905* PC **A02**/MF **A01**

**GSI-84-51-PREPR.**

Quasi Fission - the Mass Drift Mode in Heavy Ion Reactions.
DE85750514 **15**-*534,904* PC **A04**/MF **A01**

**GSI-84-52-PREPR.**

Traces of Landau-Zener Transitions in the Fusion Cross Section of Heavy Nuclei.
DE85750513 **15**-*534,903* PC **A03**/MF **A01**

**GSI-84-53(PREPR.)**

Diabatic Single-Particle States: A Convenient Basis for Dissipative Nucleus-Nucleus Collisions.
DE85750576 **15**-*534,934* PC **A02**/MF **A01**

**GSI-84-56-PREPR.**

Role of Density Fluctuations in Quark Matter Formation.
DE85750526 **15**-*534,911* PC **A03**/MF **A01**

**GSI-84-58-PREPR.**

Superheavy Quasi-Atoms and Quantum Electrodynamics in Strong Fields.
DE85750996 **19**-*544,163* PC **A03**/MF **A01**

**GSI-84-59-PREPR.**

Relativistic Nucleus-Nucleus Collisions.
DE85750774 **15**-*534,955* PC **A03**/MF **A01**

**GSI-84-61-PREPR.**

Fusion Near the Threshold: A Comparative Study of the Systems sup 40 Ar + Sup(112,116,122)Sn and sup 40 Ar + Sup(144,148,154)Sm.
DE85750789 **15**-*534,959* PC **A04**/MF **A01**

**GSI-84-62-PREPR.**

Decay of the Vacuum in Heavy Ion Collisions.
DE85750791 **15**-*534,961* PC **A03**/MF **A01**

**GSI-84-63-PREPR.**

Beta-Delayed Particle Emission from Neutron-Deficient Tellurium, Iodine, Xenon, Cesium and Barium Isotopes.
DE85750790 **15**-*534,960* PC **A03**/MF **A01**

**GSI-84-64-PREPR.**

Bound Electrons in Critical Magnetic Fields.
DE85780952 **20**-*546,827* PC **A03**/MF **A01**

**GSI-84-65-PREPR.**

Calculations of Deeply Bound Pionic States in Heavy and Superheavy Atoms.
DE85780953 **20**-*546,828* PC **A02**/MF **A01**

**GSI-84-66-PREPR.**

Dynamics of the Nuclear Disassembly in a Field-Theoretical Model at Finite Entropies.
DE85780957 **20**-*546,829* PC **A02**/MF **A01**

**GSI-84-67-PREPR.**

Observation of Strong Azimuthal Asymmetry Between Slow and Fast Particles from High Energy Nuclear Collisions.
DE85751546 **20**-*546,806* PC **A02**/MF **A01**

**GSI-84-69-PREPR.**

Random-Walk Simulation of Selected Aspects of Dissipative Collisions.
DE85751125 **22**-*551,611* PC **A03**/MF **A01**

**GSI-84-70-PREPR.**

Distorted-Wave Born-Approximation Theory of Heavy-Ion Induced Projectile Break-Up Reactions.
DE85751126 **22**-*551,612* PC **A03**/MF **A01**

**GSI-84-71-PREPR.**

Nuclear Moments and Charge Radii of sup 107-111 In Determined by Laser Spectroscopy.
DE85751529 **20**-*546,800* PC **A02**/MF **A01**

**GSI-84-73-PREPR.**

Dynamical Description of Nuclear Compression, Expansion and Disassembly in Relativistic Heavy Ion Collisions.
DE85751528 **20**-*546,799* PC **A02**/MF **A01**

**GSI-84-74-PREPR.**

Quantum Mechanical Treatment of Diabatic Neutron Emission in Heavy-Ion Collisions.
DE85751535 **20**-*546,802* PC **A04**/MF **A01**

**GSI-84-75-PREPR.**

Interplay Between One-Body and Two-Body Dynamics in the Subthreshold Pion Production at Intermediate Energies.
DE85751536 **20**-*546,803* PC **A02**/MF **A01**

**GSI-85-1-PREPR.**

Coupled State Analysis of Electron Excitations in Asymmetric Collision Systems.

DE85751870 **26**-*561,847* PC **A02**/MF **A01**

**GSI-85-2**

Cold Fusion in Symmetric sup 90 Zr Induced Reactions.
DE85751888 **26**-*561,849* PC **A05**/MF **A01**

**GSI-85-2-PREPR.**

Feeding Times of High Spin States in Sup(152,154)Dy: Probes of Nuclear Structure Above the Yrast Line.
DE85751616 **22**-*551,613* PC **A03**/MF **A01**

**GSI-85-3**

Chromosomal Aberrations of the Chinese Hamster Cell Line V79 after Irradiation with X-Rays and Heavy Ions.
DE85752094 **26**-*560,409* PC **A07**/MF **A01**

**GSI-85-3-PREPR.**

Channel Dependent Sharing of the Excitation Energy in Quasielastic Reactions Between sup 208 Pb + sup 86 Kr.
DE85751649 **22**-*551,623* PC **A02**/MF **A01**

**GSI-85-4-PREPR.**

Composite Particles and Entropy Production in Relativistic Nuclear Collisions.
DE85751893 **26**-*561,854* PC **A03**/MF **A01**

**GSI-85-5-PREPR.**

Subthreshold Pion Production in Nucleus-Nucleus Collisions: What Is the Mechanism.
DE85751889 **26**-*561,850* PC **A02**/MF **A01**

**GSI-85-6-PREPR.**

Isopin Effects in Pionic Bremsstrahlung Emitted from Tin-Isotopes.
DE85751890 **26**-*561,851* PC **A02**/MF **A01**

**GSI-85-7-PREPR.**

Unified Model for Dissipative Heavy-Ion Collisions. On the Dynamics of the Mass Asymmetry.
DE85751912 **26**-*561,858* PC **A02**/MF **A01**

**GSI-85-8**

Nuclear Moments and Changes of the Mean Square Nuclear Charge Radii in Tin and Indium.
DE85752100 **26**-*561,876* PC **A05**/MF **A01**

**GSI-85-8-PREPR.**

HZE Effects on Mammalian Cells.
DE85751885 **26**-*560,408* PC **A02**/MF **A01**

**GSI-85-9**

Cooperative Production of Neutral Pions and High-Energy Photons in Nucleus-Nucleus Collisions at 60-84 MeV/U.
DE85752135 **26**-*561,880* PC **A06**/MF **A01**

**GSI-85-9-PREPR.**

Theory of and Effects from Elastoplasticity in Nucleus-Nucleus Collisions.
DE85751892 **26**-*561,853* PC **A02**/MF **A01**

**GSI-85-10-PREPR.**

Superheavy Elements.
DE85751895 **26**-*561,855* PC **A02**/MF **A01**

**GSI-85-11-PREPR.**

Decay Studies of Neutron-Rich Isotopes of Manganese, Iron, Cobalt, Nickel, Copper and Zinc.
DE85751896 **26**-*561,856* PC **A03**/MF **A01**

**GSI-85-12-PREPR.**

Decay Properties of the New Proton-Rich Nucleus sup 104 Sn: Mass Determinations Beyond the Proton Drip Line.
DE85751897 **26**-*561,857* PC **A02**/MF **A01**

**GSI-85-14-PREPR.**

Structure Effects in sup 238 U-Induced Dissipative Collisions.
DE85752012 **25**-*559,629* PC **A02**/MF **A01**

**GSI-85-15-PREPR.**

Anomalous Positron Peaks from Supercritical Collision Systems.
DE85 52020 **25**-*559,633* PC **A02**/MF **A01**

**GSI-85-16-PREPR.**

Investigation of New Neutron-Rich Isotopes at the GSI on-Line Mass Separator.
DE85752087 **26**-*561,872* PC **A02**/MF **A01**

**GSTR-84-12**

Field Tests of the Real-Data Acquisiton System for the NASA-LaRC Differential Absorption Lidar.
N85-10710/0 **03**-*505,400* PC **A02**/MF **A01**

**GSTR-85-1**

Development and Operation of a Real-Time Data Acquisition System for the NASA-Larc Differential Absorption Lidar.
N85-18583/3 **12**-*526,010* PC **A04**/MF **A01**

**GT-ONR-6**

Confirmatory Analytic Tests of Three Causal Models Relating Job Perceptions to Job Satisfaction.
AD-A149 105/9 **08**-*516,104* PC **A03**/MF **A01**

**GT-ONR-7**

Note on Validity Generalization Procedures.
AD-A150 065/1 **09**-*519,461* PC **A03**/MF **A01**

**GT-ONR-8**

Development of Effective Leaders: The Need to Consider Situational Specificity Versus Cross-Situational Consistency.
AD-A157 303/9 **23**-*552,195* PC **A02**/MF **A01**

**GT/PDL-173**

Two-Dimensional Design Method for Highly-Loaded Blades in Turbomachines.
AD-A150 840/7 **11**-*525,799* PC **A07**/MF **A01**

**GTD-84-4**

Investigation of a Pulsed Electrothermal Thruster System.
N85-11132/6 **04**-*510,426* PC **A04**/MF **A01**

**GTEC-31-5738**

High Temperature Ceramic Interface Study.
N84-34331/8 **01**-*501,505* PC **A06**/MF **A01**

**GTFR-51**

Overview of the INTOR Workshop.
DE85002621 **09**-*519,908* PC **A02**/MF **A01**

**GTFR-53**

Trajectories of Charged Particles Traversing a Plasma Sheath in an Oblique Magnetic Field.
DE85011070 **18**-*541,825* PC **A02**/MF **A01**

**GTFR-54**

International Cooperation in Magnetic Fusion.
DE85007020 **13**-*529,985* PC **A03**/MF **A01**

**GTFR-55**

User's Manual for the Time-Dependent INERTIA Code.
DE85007019 **13**-*530,481* PC **A03**/MF **A01**

**GTS/PIP/THAILAND/APR83-3**

Handling and Packaging Fresh Tropical Fruits for Export,
PB85-147825 **09**-*518,732* PC **A02**/MF **A01**

**GTS/PIP/YEMEN/MAY83-4**

Postharvest Losses of Perishable Horticultural Foods in the Yemen Arab Republic,
PB85-147817 **09**-*518,378* PC **A02**/MF **A01**

**GTS-82/03**

Potato Processing for Bangladesh,
PB85-112910 **03**-*505,725* PC **A02**/MF **A01**

**GTS-82/05**

Thailand: Assessment of Agro-Industry Investment Opportunities,
PB85-187151 **16**-*535,324* PC **A03**/MF **A01**

**GUUS-11848-F**

Linear and Nonlinear Ultrasonic Interaction on Liquid-Solid Boundaries.
AD-A148 979/8 **07**-*515,514* PC **A02**/MF **A01**

**GWU/CMEE/TR-83/1**

Evaluation and Development of Constitutive Relations for Inelastic Behavior.
AD-A150 491/9 **10**-*523,094* PC **A15**/MF **A01**

**GWU-CMEE-TR-84-1**

Fatigue Crack Propagation in Metastable Titanium Alloys.
AD-A145 824/9 **01**-*501,531* PC **A03**/MF **A01**

**GWU/IMSE-SERIAL-T-490/84**

Markov Models of Multi-Echelon, Repairable-Item Inventory Systems,
AD-A145 850/4 **01**-*501,667* PC **A02**/MF **A01**

**GWU/IMSE/SERIAL-T-493/84**

Formulas for Updating the Generalized Inverse of a Symmetric Matrix Perturbed by a Symmeric Rank Two Matrix Composed of Two Nonsymmetric DYADS,
AD-A151 736/6 **13**-*529,536* PC **A04**/MF **A01**

**GWU/IMSE/SERIAL-T-495/84**

Estimating the Scale Parameter of an Exponential Distribution from a Sample of Time-Censored r-th Order Statistics,
AD-A148 060/7 **04**-*509,501* PC **A03**/MF **A01**

**GWU/IMSE/SERIAL-T-497/85**

Completely Monotone Regression Estimates of Software Failure Rates.
N85-17575/0 **11**-*524,269* PC **A02**/MF **A01**

**GYR-001**

Low Cost Gyrocompass.
AD-A148 295/9 **05**-*512,180* PC **A03**/MF **A01**

**H-84-04**

Analysis and Selection of a Remote Docking Simulation Visual Display System.
N84-33432/5 **01**-*500,510* PC **A03**/MF **A01**

**H-84-05**

Development of Robotics Facility Docking Test Hardware.
N84-33433/3 **01**-*502,762* PC **A06**/MF **A01**

**H-1175**

Flight and Wind-Tunnel Comparisons of the Inlet-Airframe Interaction of the F-15 Airplane.
N85-12884/1 **07**-*514,334* PC **A03**/MF **A01**

**H-1182**

Effects of Inlet Distortion on a Static Pressure Probe Mounted on the Engine Hub in an F-15 Airplane.
N85-22394/9 **15**-*535,249* PC **A02**/MF **A01**

**H-1194**

F-8 Refueling Boom Ground Vibration Test.
N85-15713/9 **10**-*520,963* PC **A03**/MF **A01**

**H-1224**

Stars: A General-Purpose Finite Element Computer Program for Analysis of Engineering Structures.
N85-11378/5 **04**-*509,823* PC **A04**/MF **A01**

**H-1231**

Comparison of Wortmann Airfoil Computer-Generated Lift and Drag Polars with Flight and Wind Tunnel Results.
N85-12868/4 **07**-*514,321* PC **A02**/MF **A01**

**H-1232**

Peripheral Vision Horizon Display (PVHD).
N85-10044/4 **03**-*505,306* PC **A07**/MF **A01**

**H-1248**

Impacts of Space Shuttle Thermal Protection System Tile on F-15 Aircraft Vertical Tile.
N85-21245/4 **14**-*532,881* PC **A02**/MF **A01**

**H-1252**

More Than You Want to Know About Maximum Likelihood Estimation.
N85-15752/7 **10**-*520,974* PC **A03**/MF **A01**

**H-1255**

Identification of Dynamic Systems, Theory and Formulation.
N85-19784/6 **13**-*529,567* PC **A07**/MF **A01**

**H-1260**

Active Control Technology Experience with the Space Shuttle in the Landing Regime.
N85-10071/7 **03**-*507,862* PC **A02**/MF **A01**

**H-1263**

Rotor Systems Research Aircraft Airplane Configuration Flight-Test Results.
N85-10034/5 **03**-*505,298* PC **A02**/MF **A01**

**H-1265**

Role of Research Aircraft in Technology Development.
N85-10932/0 **04**-*507,919* PC **A03**/MF **A01**

**H-1267**

Propulsion Control Experience Used in the Highly Integrated Digital Electronic Control (HIDEC) Program.
N84-33415/0 **01**-*502,746* PC **A02**/MF **A01**

**H-1268**

Test Experience on an Ultrareliable Computer Communication Network.
N85-13514/3 **07**-*514,827* PC **A02**/MF **A01**

**H-1269**

Predicted Performance Benefits of an Adaptive Digital Engine Control System of an F-15 Airplane.
N85-15729/5 **10**-*520,973* PC **A02**/MF **A01**

**H-1273**

Ground-Effect Analysis of a Jet Transport Airplane.
N85-15687/5 **10**-*520,960* PC **A02**/MF **A01**

**H-1280**

Western Aeronautical Test Range of NASA Ames Research Center.
N85-15756/8 **10**-*523,215* PC **A02**/MF **A01**

**H-1282**

Remote Control of an Impact Demonstration Vehicle.
N85-23797/2 **17**-*537,035* PC **A02**/MF **A01**

**H-1285**

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**H-1288**

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**H-1290**

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**H-1291**

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**H-1292**

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**H-1293**

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**H-1294**

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**H-1295**

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**H-1298**

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DE84013947 **04**-*510,003* PC **A02**/MF **A01**

**HEDL-SA-3084FP**
Tritium Breeding Materials.
DE85005714 **11**-*524,978* PC **A02**/MF **A01**

**HEDL-SA-3088-FP**
Prediction of Dose and Field Mapping around a Shielded Plutonium Fuel Fabrication Glovebox.
DE84016626 **02**-*504,800* PC **A02**/MF **A01**

**HEDL-SA-3091-REV.1**
Automated Halide Analysis of Ceramic Nuclear Fuel by High Temperature Pyrohydrolysis: Ion Chromatography.
DE85000295 **09**-*520,129* PC **A02**/MF **A01**

**HEDL-SA-3095-FP**
Standardized Physics-Dosimetry for US Pressure Vessel Cavity Surveillance Programs.
DE85002236 **07**-*515,444* PC **A02**/MF **A01**

**HEDL-SA-3098-FP**
Solid-State Track Recorder Neutron Dosimetry in Light Water Reactor Pressure Vessel Surveillance Mockups.
DE85001060 **08**-*517,693* PC **A02**/MF **A01**

**HEDL-SA-3102**
Evaluation of Neutron Flux in the Pool Critical Assembly.
DE85001202 **09**-*520,148* PC **A02**/MF **A01**

**HEDL-SA-3106FP**
Failure Experience in Refractory Alloy-Clad Fuel Pins Applicable to Space Nuclear Power.
DE85007472 **13**-*530,260* PC **A02**/MF **A01**

**HEDL-SA-3107-FP**
Fuel Burnup Measurements in FFTF.
DE85000296 **08**-*517,691* PC **A02**/MF **A01**

**HEDL-SA-3108-FP**
Reactivity Anomaly Surveillance in the Fast Flux Test Facility Through Cycle 3.
DE85001065 **08**-*517,694* PC **A02**

**HEDL-SA-3112FP**
Sodium Technology Activities at HEDL (Hanford Engineering Development Laboratory) in Support of Fast Reactor Development and the FFTF.
DE85007474 **17**-*539,084* PC **A02**/MF **A01**

**HEDL-SA-3115-FP**
ABCOVE Program: Preliminary Results of Tests AB5 and AB6.
DE84016523 **02**-*504,646* PC **A02**/MF **A01**

**HEDL-SA-3125**
Advances in Continuous gamma-Ray Spectrometry and Applications.

DE85003018 **10**-*522,805* PC **A02**/MF **A01**

**HEDL-SA-3132-FP**
Advanced Alloys for LMFBR Fuel Cladding and Ducts.
DE85007468 **15**-*534,692* PC **A02**/MF **A01**

**HEDL-SA-3138FP**
SAF (Secure Automated Fabrication): The Next Generation Process for Radiotoxic Material Handling in the Nuclear Fuel Industry.
DE84016634 **04**-*510,123* PC **A02**/MF **A01**

**HEDL-SA-3143-FP**
Creep of Li sub 2 O.
DE85005715 **11**-*524,979* PC **A02**/MF **A01**

**HEDL-SA-3146-FP**
Fuel Pellet Fissile Content Variation in as-Sintered Fast Reactor Fuel.
DE85003009 **09**-*520,132* PC **A02**/MF **A01**

**HEDL-SA-3149-FP**
Swelling Behavior of Titanium-Modified AISI 316 Alloys.
DE85007470 **13**-*529,485* PC **A02**/MF **A01**

**HEDL-SA-3150FP**
Swelling Behavior of Manganese-Bearing AISI 216 Steel.
DE85005712 **12**-*527,100* PC **A02**/MF **A01**

**HEDL-SA-3152-FP**
Influence of Silicon on Void Nucleation in Irradiated Alloys.
DE85003014 **08**-*516,889* PC **A02**/MF **A01**

**HEDL-SA-3155FP**
Fatigue-Crack Propagation Behavior of Alloy A-286.
DE85007460 **18**-*540,836* PC **A02**/MF **A01**

**HEDL-SA-3156-FP**
Remote Handling Equipment Design for the HEDL Fuel Supply Program.
DE85003010 **08**-*517,494* PC **A02**/MF **A01**

**HEDL-SA-3157-FP**
Remote Fabrication of Breeder Reactor Fuel.
DE85007465 **13**-*530,246* PC **A02**/MF **A01**

**HEDL-SA-3158-FP**
Creep Ratcheting Simplified Methods Experience from Structural Design of Elevated Temperature Components.
DE85007433 **13**-*530,531* PC **A02**/MF **A01**

**HEDL-SA-3159-FP**
Performance of FFTF Reference Fuel and Control Assemblies.
DE85003013 **08**-*517,683* PC **A03**/MF **A01**

**HEDL-SA-3161**
FFTF Fuel Assembly Outlet Temperature Measurements and Comparison to Predictions.
DE85001215 **07**-*515,440* PC **A02**/MF **A01**

**HEDL-SA-3162-FP**
Fast Flux Test Facility: A Unique Resource for Breeder Reactor Development.
DE85001193 **09**-*520,153* PC **A02**/MF **A01**

**HEDL-SA-3165FP**
Fusion Materials Irradiation Test (FMIT) Status Update.
DE85005713 **11**-*524,977* PC **A02**/MF **A01**

**HEDL-SA-3169-FP**
Cyclic Control Oscillations of Arbitrary Time-Dependent Reactivity Variation.
DE85008553 **16**-*536,688* PC **A02**/MF **A01**

**HEDL-SA-3172-FP**
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DE85001655 **09**-*520,101* PC **A02**/MF **A01**

**HEDL-SA-3174-FP**
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DE85005716 **11**-*524,483* PC **A02**/MF **A01**

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DE85001203 **07**-*514,444* PC **A02**/MF **A01**

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DE85003015 **08**-*517,424* PC **A02**/MF **A01**

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DE85002996 **11**-*525,275* PC **A02**/MF **A01**

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**HEDL-SA-3181-FP-DR**
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DE85007464 **15**-*534,521* PC **A02**/MF **A01**

**HEDL-SA-3185**
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DE85007461 **13**-*530,208* PC **A02**/MF **A01**

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DE85001427 **08**-*516,252* PC **A02**

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DE85001072 **08**-*517,670* PC **A02**/MF **A01**

**HEDL-SA-3206-FP**
Application of High Fluence Fast Reactor Data to Fusion-Relevant Materials Problems.
DE85013742 **22**-*551,025* PC **A02**/MF **A01**

**HEDL-SA-3207-FP**
SUPER-FMIT, An Accelerator-Based Neutron Source for Fusion Components Irradiation Testing.
DE85007469 **13**-*530,366* PC **A02**/MF **A01**

**HEDL-SA-3209-FP**
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DE85001066 **14**-*532,493* PC **A02**

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**HEDL-SA-3213-FP**
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**HEDL-SA-3214-FP**
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DE85014000 **23**-*553,830* PC **A02**/MF **A01**

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DE85002997 **08**-*517,620* PC **A02**/MF **A01**

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**HEDL-SA-3253-FP**
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DE85013729 **24**-*556,098* PC **A02**/MF **A01**

**HEDL-SA-3256-FP**
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**HEDL-SA-3257-FP**
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**HEDL-SA-3258-FP**
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DE85014001 **23**-*554,021* PC **A02**/MF **A01**

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**HEDL-SA-3266-FP**
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**HEDL-SA-3270-FP**
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DE85008485 **18**-*541,590* PC **A02**/MF **A01**

**HEDL-SA-3273-FP**
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DE85013738 **23**-*554,019* PC **A02**/MF **A01**

**HEDL-SA-3274-S**
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DE85013997 **24**-*556,482* PC **A02**/MF **A01**

**HEDL-SA-3281-FP**
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DE85014006 **23**-*553,876* PC **A02**/MF **A01**

**HEDL-SA-3283-FP**
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DE85008496 **24**-*556,476* PC **A03**/MF **A01**

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DE85013745 **26**-*561,435* PC **A02**/MF **A01**

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DE85013730 **24**-*556,479* PC **A02**/MF **A01**

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**HEDL-7429**
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**HEDL-7430**
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DE85007778 **17**-*539,223* PC **A02**/MF **A01**

**HEDL-7453**
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DE85001070 **05**-*511,693* PC **A02**/MF **A01**

**HEDL-7455**
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DE85001407 **07**-*515,321* PC **A02**/MF **A01**

**HEDL-7465**
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DE85011360 **19**-*543,931* PC **A03**/MF **A01**

**HEDL-7487**
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DE85003004 **08**-*516,885* PC **A02**/MF **A01**

**HEDL-7491**
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DE85003006 **08**-*516,887* PC **A02**/MF **A01**

**HEDL-7492**
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DE85005719 **11**-*524,485* PC **A02**/MF **A01**

**HEDL-7494**
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DE85002995 **08**-*516,883* PC **A02**/MF **A01**

**HEDL-7496**
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DE85007068 **13**-*529,481* PC **A02**/MF **A01**

**HEDL-7500**
Application of the Pulsed Magnetic Welding Process to Nuclear Breeder Reactor Fuel Pin End Closures.
DE85001069 **07**-*515,437* PC **A02**/MF **A01**

**HEDL-7501**
Swelling of Fe-Cr-Mn Ternary Alloys in FFTF.
DE85003001 **08**-*517,682* PC **A02**/MF **A01**

**HEDL-7502**
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DE85003002 **08**-*516,884* PC **A02**/MF **A01**

**HEDL-7503**
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DE85003007 **08**-*516,888* PC **A02**/MF **A01**

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DE85007802 **14**-*532,414* PC **A02**/MF **A01**

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DE85005720 **11**-*524,486* PC **A02**/MF **A01**

**HEDL-7517**
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DE85005718 **11**-*524,484* PC **A02**/MF **A01**

**HEDL-7530**
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DE85014007 **23**-*554,074* PC **A02**/MF **A01**

**HEDL-7531**
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DE85014011 **23**-*554,005* PC **A02**/MF **A01**

**HEDL-7532**
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DE85014009 **23**-*554,023* PC **A02**/MF **A01**

**HEDL-7533**
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DE85014012 **22**-*551,036* PC **A02**/MF **A01**

**HEDL-7534**
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**HEDL-7540**
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DE85013265 **22**-*551,155* PC **A04**/MF **A01**

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AD-A157 378/1 **23**-*553,729* PC **A04**/MF **A01**

**HEL-TN-1-85**
Evaluation of the Hitting Performance of the M16A1 Rifle with and without a Sight Rib.
AD-A150 479/4 **10**-*522,910* PC **A03**/MF **A01**

**HEL-TN-2-85**
Modified Landolt C-Ring Test to Measure the Effects of Laser Filters on Visual Acuity.
AD-A151 164/1 **12**-*526,192* PC **A03**/MF **A01**

**HEL-TN-6-79**
Guidelines for Testing Various Weapons/Munitions Against (Military Operations in Built-up Areas) MOBA Structures.
AD-B043 329/2 **26**-*561,678* PC **A03**/MF **A01**

**HEL-TN-10-84**
Human Factors Evaluation of the Modified AT-4 Light Antiarmor Weapon.
AD-A147 482/4 **03**-*507,247* PC **A03**/MF **A01**

**HEL-TN-11-84**
Literature Review of Voice Recognition and Generation Technology for Army Helicopter Applications.
AD-A146 878/4 **02**-*504,557* PC **A03**/MF **A01**

**HEL-TN-12-84**
Analysis of the USAIS (US Army Infantry School) IMAAWS (Improved Medium Antiarmor Assault Weapon System) Portability Demonstration.
AD-A148 615/8 **06**-*514,046* PC **A03**/MF **A01**

**HEL-TN-14-84**
US Army Human Engineering Laboratory Communications Survey-A Pilot Study (HELCOMS-PS).
AD-A151 434/8 **12**-*527,647* PC **A03**/MF **A01**

**HEPL-937**
Search for Charmed F Mesons in E exp + E exp - Collisions with the Crystal Ball.
DE84007453 **02**-*504,953* PC **A08**/MF **A01**

**HETA-77-011-1338**
Health Hazard Evaluation Report No. HETA 77-011-1338, General Motors Corporation's Inland Division, Dayton, Ohio,
PB85-101319 **01**-*500,749* PC **A03**/MF **A01**

**HETA-78-52-1483**
Health Hazard Evaluation Report HETA 78-52-1483, Westinghouse Corporation, Trafford, Pennsylvania,
PB85-220077 **21**-*547,606* PC **A03**/MF **A01**

**HETA-78-121-1071**
Health Hazard Evaluation Report HETA 78-121-1071, Allis-Chalmers Corporation, West Allis, Wisconsin,
PB85-178762 **14**-*531,350* PC **A04**/MF **A01**

**HETA-78-135-1333**
Health Hazard Evaluation Report No. HETA 78-135-1333, International Brotherhood of Painters and Allied Trades Electric Boat Division of General Dynamics Corp., Groton, Connecticut,
PB85-100865 **01**-*500,743* PC **A03**/MF **A01**

**HETA-79-027-1459**
Health Hazard Evaluation Report HETA 79-027-1459, E. I. Dupont De Nemours and Company, Louisville, Kentucky,
PB85-186757 **15**-*533,407* PC **A03**/MF **A01**

**HETA-79-040-1381**
Health Hazard Evaluation Report HETA 79-040-1381, Pennwalt Corporation, Portland, Oregon,
PB85-178564 **14**-*531,345* PC **A03**/MF **A01**

**HETA-79-109-1538**

Health Hazard Evaluation Report HETA 79-109-1538, Kelly Springfield Tire Company, Cumberland, Maryland,
PB85-244424 **26**-*560,374* PC **A04**/MF **A01**

**HETA-79-129-1350**

Health Hazard Evaluation Report No. HETA 79-129-1350, San Francisco Newspaper Agency, San Francisco, California,
PB85-163806 **11**-*523,837* PC **A03**/MF **A01**

**HETA-80-009-1383**

Health Hazard Evaluation Report HETA 80-009-1383, Inland Steel Corporation, East Chicago, Indiana,
PB85-177541 **14**-*531,335* PC **A02**/MF **A01**

Health Hazard Evaluation Report HETA 80-009-1383, Inland Steel Corporation, East Chicago, Indiana,
PB85-184190 **15**-*533,382* PC **A03**/MF **A01**

**HETA-80-096-1359**

Health Hazard Evaluation Report HETA 80-096-1359, Eureka Company, Bloomington, Illinois,
PB85-163574 **11**-*523,832* PC **A03**/MF **A01**

**HETA-80-104-1344**

Health Hazard Evaluation Report HETA 80-104-1344, Baltimore County Police Department, Towson, Maryland,
PB85-102911 **01**-*500,762* PC **A02**/MF **A01**

**HETA-80-115-1401**

Health Hazard Evaluation Report HETA 80-115-1401, U.S. Steel, Lorain-Cuyahoga Works, Lorain, Ohio,
PB85-179190 **15**-*533,363* PC **A02**/MF **A01**

**HETA-80-187-1395**

Health Hazard Evaluation Report No. HETA-80-187-1395, Saft America, Incorporated, St. Paul, Minnesota,
PB85-181279 **14**-*531,383* PC **A03**/MF **A01**

**HETA-80-209-1396**

Health Hazard Evaluation Report HETA 80-209-1396, Crain Western, Compton, California,
PB85-179315 **14**-*531,363* PC **A03**/MF **A01**

**HETA-80-242-1106**

Health Hazard Evaluation Report HETA 80-242-1106, Sterling Organics, Rensselaer, New York,
PB85-179232 **15**-*533,367* PC **A02**/MF **A01**

**HETA-80-250-1529**

Health Hazard Evaluation Report HETA 80-250-1529, Delco Electronics Division, Milwaukee, Wisconsin,
PB85-208668 **19**-*542,706* PC **A03**/MF **A01**

**HETA-80-256-1386**

Health Hazard Evaluation Report HETA 80-256-1386, Ralston Purina Company, Bloomington, Illinois,
PB85-179331 **14**-*531,365* PC **A02**/MF **A01**

**HETA-81-007-985**

Health Hazard Evaluation Report No. HETA-81-007-985, Health Services Administration Building, Hyattsville, Maryland,
PB85-178481 **14**-*531,339* PC **A03**/MF **A01**

**HETA-81-060-1367**

Health Hazard Evaluation Report HETA 81-060-1367, Leather Craftsman, Lynbrook, New York,
PB85-158053 **10**-*521,581* PC **A02**/MF **A01**

**HETA-81-069-1390**

Health Hazard Evaluation Report HETA 81-069-1390, E.I. Dupont de Nemours and Company, Laporte, Texas,
PB85-179307 **14**-*531,362* PC **A02**/MF **A01**

**HETA-81-107-1331**

Health Hazard Evaluation Report HETA 81-107-1331, Geauga Company, Middlefield, Ohio,
PB85-184208 **15**-*533,383* PC **A04**/MF **A01**

**HETA-81-111-1471**

Health Hazard Evaluation Report HETA 81-111-1471, Stephen Gold, D.D.S., Port Jefferson Station, New York,
PB85-184257 **15**-*533,388* PC **A02**/MF **A01**

**HETA-81-112-1372**

Health Hazard Evaluation Report No. HETA 81-112-1372, Culley Generating Station, Yankeetown, Indiana,
PB85-163467 **11**-*523,827* PC **A03**/MF **A01**

**HETA-81-121-1421**

Health Hazard Evaluation Report HETA 81-121-1421, Insect Rearing Facilities, Agricultural Research Service, United States Department of Agriculture,
PB85-179133 **14**-*531,353* PC **A03**/MF **A01**

**HETA-81-129-1455**

Health Hazard Evaluation Report HETA 81-129-1455, Chemical Fabrics Corporation, North Bennington, Vermont,
PB85-185189 **15**-*533,395* PC **A03**/MF **A01**

**HETA-81 130-1348**

Health Hazard Evaluation Report No. HETA 81-130-1348, Jones and Laughlin Steel Corporation, Pittsburgh, Pennsylvania,
PB85-163418 **11**-*523,822* PC **A02**/MF **A01**

**HETA-81-157-1516**

Health Hazard Evaluation Report HETA 81-157-1516, Inland Steel Company, East Chicago, Indiana,
PB85-208676 **19**-*542,707* PC **A02**/MF **A01**

**HETA-81-187-1417**

Health Hazard Evaluation Report No. HETA-81-187-1417, Armco Incorporated, Baltimore, Maryland,
PB85-179398 **14**-*531,371* PC **A02**/MF **A01**

**HETA-81-227-1408**

Health Hazard Evaluation Report HETA 81-227-1408, Manville Corporation, Corona, California,
PB85-179174 **14**-*531,357* PC **A03**/MF **A01**

**HETA-81-263-1178**

Health Hazard Evaluation Report HETA 81-263-1178, Copperweld Steel Company, Warren, Ohio,
PB85-179224 **15**-*533,366* PC **A02**/MF **A01**

**HETA-81-274-1328**

Health Hazard Evaluation Report HETA 81-174-1328, Aluminum Company of America, Newburgh, Indiana,
PB85-102937 **01**-*500,764* PC **A02**/MF **A01**

**HETA-81-278-1371**

Health Hazard Evaluation Report No. HETA 81-278-1371, Warrick Generating Station, Yankeetown, Indiana,
PB85-163459 **11**-*523,826* PC **A03**/MF **A01**

**HETA-81-301-1467**

Health Hazard Evaluation Report HETA 81-301-1467, United Farm Workers of America, AFL-CIO, Salinas, California,
PB85-185338 **15**-*533,397* PC **A02**/MF **A01**

**HETA-81-304-1361**

Health Hazard Evaluation Report HETA 81-304-1361, Robertson Paper Box Company, Monteville, Connecticut,
PB85-159804 **11**-*523,818* PC **A02**/MF **A01**

**HETA-81-314-1435**

Health Hazard Evaluation Report HETA 81-314-1435, Rutgers University, Newark, New Jersey,
PB85-184216 **15**-*533,384* PC **A03**/MF **A01**

**HETA-81-357-1321**

Health Hazard Evaluation Report No. HETA 81-357-1321, Elkem Metals Company, Alloy, West Virginia,
PB85-101285 **01**-*500,747* PC **A03**/MF **A01**

**HETA-81-415-1385**

Health Hazard Evaluation Report HETA 81-415-1385, High Voltage Maintenance Corporation, Mentor, Ohio,
PB85-177525 **14**-*531,333* PC **A02**/MF **A01**

**HETA-81-416-1334**

Health Hazard Evaluation Report HETA 81-416-1334, Trailways Bus System, Denver, Colorado,
PB85-102952 **01**-*500,766* PC **A02**/MF **A01**

**HETA-81-422-1387**

Health Hazard Evaluation Report No. HETA-81-422-1387, California Society for Histotechnology, Los Angeles, California,
PB85-179273 **14**-*531,359* PC **A04**/MF **A01**

**HETA-81-433-1452**

Health Hazard Evaluation Report HETA 81-433-1452, General Motors Corporation, Framingham, Massachusetts,
PB85-184091 **15**-*533,377* PC **A02**/MF **A01**

**HETA-81-434-1404**

Health Hazard Evaluation Report No. HETA-81-434-1404, Empire-Detroit Steel Division, Mansfield, Ohio,
PB85-181329 **14**-*531,385* PC **A03**/MF **A01**

**HETA-81-450-1378**

Health Hazard Evaluation Report HETA 81-450-1378, Inland Steel Company, East Chicago, Indiana,
PB85-178747 **14**-*531,348* PC **A02**/MF **A01**

**HETA-81-463-1477**

Health Hazard Evaluation Report HETA 81-463-1477, Colorado River Indian Reservation, Parker, Arizona,
PB85-223170 **21**-*547,664* PC **A03**/MF **A01**

**HETA-81-465-1323**

Health Hazard Evaluation Report No. HETA 81-465-1323, Hopkins Agricultural Chemical Company, Atlanta, Illinois,
PB85-100980 **01**-*500,745* PC **A02**/MF **A01**

**HETA-81-472-1380**

Health Hazard Evaluation Report HETA 81-472-1380, Pennsylvania Power and Light, Martins Creek Steam Electric Station, Martins Creek, Pennsylvania,
PB85-178556 **14**-*531,344* PC **A02**/MF **A01**

**HETA-82-024-1428**

Health Hazard Evaluation Report HETA 82-024-1428, Chemetco, Incorporated, Alton, Illinois,
PB85-179745 **14**-*531,373* PC **A03**/MF **A01**

**HETA-82-025-1413**

Health Hazard Evaluation Report No. HETA-82-025-1413, American Transportation Corporation, Conway, Arkansas,
PB85-179372 **14**-*531,369* PC **A04**/MF **A01**

**HETA-82-032-1384**

Health Hazard Evaluation Report HETA 82-032-1384, Badische Corporation, Kearny, New Jersey,
PB85-177533 **14**-*531,334* PC **A03**/MF **A01**

**HETA-82-075-1545**

Health Hazard Evaluation Report HETA 82-075-1545, Pratt and Whitney Aircraft, West Palm Beach, Florida,
PB85-234169 **25**-*557,715* PC **A04**/MF **A01**

**HETA-82-100-1349**

Health Hazard Evaluation Report No. HETA 82-100-1349, British Airways, Kennedy Airport, Jamaica, New York,
PB85-163400 **11**-*523,821* PC **A02**/MF **A01**

**HETA-82-102-1464**

Health Hazard Evaluation Report HETA 82-102-1464, University of Cincinnati, Cincinnati, Ohio,
PB85-185544 **15**-*533,402* PC **A03**/MF **A01**

**HETA-82-103-1369**

Health Hazard Evaluation Report HETA 82-103-1369, Wyandotte Paint Products Company, Pontiac, Michigan,
PB85-163640 **11**-*523,835* PC **A02**/MF **A01**

**HETA-82-106-1366**

Health Hazard Evaluation Report HETA 82-106-1366, Honda Motor Company of America, Marysville, Ohio,
PB85-158111 **10**-*521,584* PC **A02**/MF **A01**

**HETA-82-107-1444**

Health Hazard Evaluation Report HETA 82-107-1444, Torrington Company, Torrington, Connecticut,
PB85-184117 **16**-*535,729* PC **A03**/MF **A01**

**HETA-82-113-1374**

Health Hazard Evaluation Report No. HETA 82-113-1374, Mainstreet Enterprises, Lebanon, Indiana,
PB85-164515 **11**-*523,842* PC **A02**/MF **A01**

**HETA-82-119-1454**

Health Hazard Evaluation Report HETA 81-119-1454, James River Power Plant, City Utilities, Springfield, Missouri,
PB85-184133 **16**-*535,730* PC **A03**/MF **A01**

**HETA-82-127-1370**

Health Hazard Evaluation Report No. HETA 82-127-1370, Hoover Company, I P, North Canton, Ohio,
PB85-163483 **11**-*523,829* PC **A03**/MF **A01**

**HETA-82-132-1406**

Health Hazard Evaluation Report HETA 82-132-1406, Huntington Alloys, Inc., Huntington, West Virginia,
PB85-179349 **14**-*531,366* PC **A02**/MF **A01**

**HETA-82-146-1388**

Health Hazard Evaluation Report HETA 82-146-1388, Boeing Vertol Company, Philadelphia, Pennsylvania,
PB85-179323 **14**-*531,364* PC **A03**/MF **A01**

**HETA-82-167-1460**

Health Hazard Evaluation Report HETA 82-167-1460, Upper School, Englewood Cliffs, New Jersey,
PB85-184240 **15**-*533,387* PC **A02**/MF **A01**

**HETA-82-173-1325**

Health Hazard Evaluation Report No. HETA 82-173-1325, Westinghouse Electric Corp., St. Louis, Missouri,
PB85-101350 **01**-*500,752* PC **A03**/MF **A01**

**HETA-82-185-1353**

Health Hazard Evaluation Report No. HETA 82-185-1353, Markland Lock and Dam, Markland, Kentucky,
PB85-164085 **11**-*523,840* PC **A02**/MF **A01**

**HETA-82-201-1365**

Health Hazard Evaluation Report HETA 82-201-1365, Wright Patterson Air Force Base, Dayton, Ohio,
PB85-158046 **10**-*521,580* PC **A02**/MF **A01**

**HETA-82-210-1418**

Health Hazard Evaluation Report No. HETA-82-210-1418, Legal Services Plan - DC 37, New York, New York,
PB85-179406 **14**-*531,372* PC **A02**/MF **A01**

**HETA-82-223-1340**

Health Hazard Evaluation Report No. HETA 82-223-1340, Rubbermaid Incorporated, Wooster, Ohio,
PB85-101053 **01**-*500,746* PC **A03**/MF **A01**

**HETA-82-224-1336**

Health Hazard Evaluation Report HETA 82-224-1336, Miami Fire Department, Miami, Florida,
PB85-102960 **01**-*500,767* PC **A02**/MF **A01**

**HETA-82-226-1433**

Health Hazard Evaluation Report HETA 82-226-1433, Roper Eastern Products, Baltimore, Maryland,
PB85-184109 **16**-*535,728* PC **A02**/MF **A01**

**HETA-82-228-1447**

Health Hazard Evaluation Report HETA 82-228-1447, Coca Cola Company, Hightstown, New Jersey,
PB85-185528 **15**-*533,400* PC **A03**/MF **A01**

**HETA-82-239-1355**

Health Hazard Evaluation Report No. HETA 82-239-1355, Allen Bradley Company, Milwaukee, Wisconsin,
PB85-164507 **11**-*523,841* PC **A02**/MF **A01**

**HETA-82-248-1472**

Health Hazard Evaluation Report HETA 82-248-1472, Pesticide Applicators, Fresno, California,
PB85-184265 **15**-*533,389* PC **A02**/MF **A01**

**HETA-82-256-1342**

Health Hazard Evaluation Report HETA 82-256-1342, Emanuel Hospital, Portland, Oregon,
PB85-102945 **01**-*500,765* PC **A02**/MF **A01**

**HETA-82-259-1352**

Health Hazard Evaluation Report HETA 82-259-1352, Scott Paper Company, Everett, Washington,
PB85-163590 **11**-*523,834* PC **A02**/MF **A01**

**HETA-82-269-1341**

Health Hazard Evaluation Report HETA 82-269-1341, Cincinnati Technical College, Cincinnati, Ohio,

PB85-102887 **01**-*500,759* PC **A02**/MF **A01**

**HETA-82-280-1407**
Health Hazard Evaluation Report HETA 82-280-1407, Hoover Company, North Canton, Ohio,
PB85-179356 **14**-*531,367* PC **A03**/MF **A01**

**HETA-82-281-1503**
Health Hazard Evaluation Report HETA 82-281-1503, Stauffer Chemical Company, Morrisville, Pennsylvania,
PB85-208296 **19**-*542,694* PC **A02**/MF **A01**

**HETA-82-284-1456**
Health Hazard Evaluation Report HETA 82-284-1456, Port Authority of New York and New Jersey, Elizabeth Industrial Park Site, Elizabeth, New Jersey,
PB85-184182 **15**-*533,381* PC **A03**/MF **A01**

**HETA-82-285-1339**
Health Hazard Evaluation Report No. HETA 82-285-1339, Plastifax Company Explosion Site, Gulfport, Mississippi,
PB85-100899 **01**-*500,744* PC **A02**/MF **A01**

**HETA-82-292-1358**
Health Hazard Evaluation Report HETA 82-292-1358, Sea Road Construction, State of Wisconsin,
PB85-163558 **11**-*523,830* PC **A03**/MF **A01**

**HETA-82-293-1482**
Health Hazard Evaluation Report HETA 82-293-1482, 83-279-1482, United Association of the Plumbing and Pipefitting Industry, California Department of Housing, California Area,
PB85-220812 **21**-*547,615* PC **A03**/MF **A01**

**HETA-82-294-1458**
Health Hazard Evaluation Report HETA 82-294-1458, Alhambra Plaza, Clifton, New Jersey,
PB85-185536 **15**-*533,401* PC **A02**/MF **A01**

**HETA-82-302-1461**
Health Hazard Evaluation Report HETA 82-302-1461, East Penn Foundry, Macungie, Pennsylvania,
PB85-185551 **15**-*533,403* PC **A03**/MF **A01**

**HETA-82-305-1541**
Health Hazard Evaluation Report HETA 82-305-1541, Fountain Avenue Landfill, Brooklyn, New York,
PB85-247542 **26**-*560,379* PC **A03**/MF **A01**

**HETA-82-310-1475**
Health Hazard Evaluation Report HETA 82-310-1475, Hill-Murray High School, Maplewood, Minnesota,
PB85-184166 **15**-*533,379* PC **A03**/MF **A01**

**HETA-82-315-1320**
Health Hazard Evaluation Report No. HETA 82-315-1320, Wilmington Chemical Corp., Wilmington, Delaware,
PB85-101293 **01**-*500,748* PC **A03**/MF **A01**

**HETA-82-326-1420**
Health Hazard Evaluation Report No. HETA-82-326-1420, Keystone Color Works, Inc., York, Pennsylvania,
PB85-179380 **14**-*531,370* PC **A02**/MF **A01**

**HETA-82-328-1360**
Health Hazard Evaluation Report HETA 82-328-1360, General Magnetics, Inc., Bloomfield, New Jersey,
PB85-163566 **11**-*523,831* PC **A02**/MF **A01**

**HETA-82-348-1442**
Health Hazard Evaluation Report HETA 82-348-1442, The Dotson Company, Mankato, Minnesota,
PB85-185148 **15**-*533,393* PC **A03**/MF **A01**

**HETA-82-349-1332**
Health Hazard Evaluation Report No. HETA 82-349-1332, Woolrich Woolen Mills, Inc., Woolrich, Pennsylvania,
PB85-100857 **01**-*500,742* PC **A02**/MF **A01**

**HETA-82-355-1375**
Health Hazard Evaluation Report No. HETA 82-355-1375, R and S Manufacturing Company, Columbia, Pennsylvania,
PB85-164077 **11**-*523,839* PC **A02**/MF **A01**

**HETA-82-359-1382**
Health Hazard Evaluation Report HETA 82-359-1382, Indiana and Michigan Power Company, Rockport Construction Project, Rockport, Indiana,
PB85-177558 **14**-*531,336* PC **A02**/MF **A01**

**HETA-82-361-1437**
Health Hazard Evaluation Report HETA 82-361-1437, Kerr-McGee Nuclear Corporation, Grants, New Mexico,
PB85-221380 **21**-*547,642* PC **A03**/MF **A01**

**HETA-82-373-1363**
Health Hazard Evaluation Report HETA-82-373-1363, Transamerica Occidential Life Insurance Company, Atlanta, Georgia,
PB85-158103 **10**-*521,583* PC **A02**/MF **A01**

**HETA-82-377-1376**
Health Hazard Evaluation Report HETA 82-377-1376, D and F Corporation, Warren, Michigan,
PB85-178507 **14**-*531,341* PC **A02**/MF **A01**

**HETA-82-390-1345**
Health Hazard Evaluation Report HETA 82-390-1345, Public Safety Building, Upper Darby, Pennsylvania,
PB85-102895 **01**-*500,760* PC **A02**/MF **A01**

**HETA-83-003-1539**
Health Hazard Evaluation Report HETA 83-003-1539, Hamilton Technology, Incorporated, Lancaster, Pennsylvania,
PB85-234177 **25**-*557,716* PC **A03**/MF **A01**

**HETA-83-006-1379**
Health Hazard Evaluation Report HETA 83-006-1379, Artworkspace, New York, New York,
PB85-178739 **14**-*531,347* PC **A02**/MF **A01**

**HETA-83-009-1335**
Health Hazard Evaluation Report No. HETA 83-009-1335, Cumberland Manufacturing Company, Princeton, Kentucky,
PB85-101657 **01**-*500,756* PC **A02**/MF **A01**

**HETA-83-012-1354**
Health Hazard Evaluation Report No. HETA 83-012-1354, Robert J. Goetz, D.D.S., Cincinnati, Ohio,
PB85-164069 **11**-*523,838* PC **A02**/MF **A01**

**HETA-83-014-1343**
Health Hazard Evaluation Report HETA 83-014-1343, North Clackamas School District No. 12, Milwaukie, Oregon,
PB85-102903 **01**-*500,761* PC **A02**/MF **A01**

**HETA-83-020-1351**
Health Hazard Evaluation Report HETA 83-020-1351, Johnson Museum, Cornell University, Ithaca, New York,
PB85-163582 **11**-*523,833* PC **A02**/MF **A01**

**HETA-83-040-1356**
Health Hazard Evaluation Report No. HETA 83-040-1356, Drive Train Industries, Inc., Casper, Wyoming,
PB85-165504 **11**-*523,845* PC **A02**/MF **A01**

**HETA-83-048-1347**
Health Hazard Evaluation Report No. HETA 83-048-1347, National Jewish Hospital, Denver, Colorado,
PB85-163426 **11**-*523,823* PC **A02**/MF **A01**

**HETA-83-063-1364**
Health Hazard Evaluation Report No. HETA 83-063-1364, Louis A. Johnson Medical Center, Clarksburg, West Virginia,
PB85-163442 **11**-*523,825* PC **A02**/MF **A01**

**HETA-83-066-1531**
Health Hazard Evaluation Report HETA 83-066-1531, Globe Industry, Lowell, Indiana,
PB85-208304 **19**-*542,695* PC **A02**/MF **A01**

**HETA-83-074-1525**
Health Hazard Evaluation Report HETA 83-074-1525, National Jewish Hospital, Denver, Colorado,
PB85-208338 **19**-*542,698* PC **A02**/MF **A01**

**HETA-83-076-1414**
Health Hazard Evaluation Report No. HETA-83-076-1414, Saint Joseph's Hospital, Denver, Colorado,
PB85-179364 **14**-*531,368* PC **A02**/MF **A01**

**HETA-83-088-1324**
Health Hazard Evaluation Report No. HETA-83-088-1324, Moline Police Dept. Indoor Range, Moline, Illinois,
PB85-101533 **01**-*500,754* PC **A02**/MF **A01**

**HETA-83-089-1329**
Health Hazard Evaluation Report HETA 83-089-1329, Milk's Camp Industry, Bonesteel, South Dakota,
PB85-102929 **01**-*500,763* PC **A02**/MF **A01**

**HETA-83-090-1326**
Health Hazard Evaluation Report No. HETA 83-090-1326, Fort Stanwix National Monument, Rome, New York,
PB85-101343 **01**-*500,751* PC **A02**/MF **A01**

**HETA-83-095-1484**
Health Hazard Evaluation Report HETA 83-095-1484, Western States Machine Company, Hamilton, Ohio,
PB85-219921 **21**-*547,599* PC **A02**/MF **A01**

**HETA-83-096-1415**
Health Hazard Evaluation Report No. HETA-83-096-1415, Mark Brodie, D.D.S., Englewood, Colorado,
PB85-181295 **15**-*533,372* PC **A02**/MF **A01**

**HETA-83-113-1470**
Health Hazard Evaluation Report HETA 83-113-1470, Raygo-Wagner, Portland, Oregon,
PB85-184224 **15**-*533,385* PC **A03**/MF **A01**

**HETA-83-128-1485**
Health Hazard Evaluation Report HETA 83-128-1485, Henry R. Hinckley and Company, Southwest Harbor, Maine,
PB85-208866 **19**-*542,710* PC **A03**/MF **A01**

**HETA-83-129-1296**
Health Hazard Evaluation Report HETA 83-129-1296, American Enterprise Institute, Washington, DC.,
PB85-184273 **15**-*533,390* PC **A02**/MF **A01**

**HETA-83-131-1412**
Health Hazard Evaluation Report No. HETA-83-131-1412, Midwest Foundry, Coldwater, Michigan,
PB85-181220 **14**-*531,378* PC **A02**/MF **A01**

**HETA-83-132-1508**
Health Hazard Evaluation Report HETA 83-132-1508, Grand Gulf Nuclear Power Plant, Port Gibson, Mississippi,
PB85-220887 **21**-*547,620* PC **A02**/MF **A01**

**HETA-83-134-1327**
Health Hazard Evaluation Report No. HETA 83-134-1327, National Park Service Mound City Group National Monument, Chillicothe, Ohio,
PB85-101335 **01**-*500,750* PC **A02**/MF **A01**

**HETA-83-136-1398**
Health Hazard Evaluation Report No. HETA-83-136-1398, Social Security Administration, New Brunswick, New Jersey,
PB85-181246 **14**-*531,380* PC **A02**/MF **A01**

**HETA-83-139-1422**
Health Hazard Evaluation Report No. HETA-83-139-1422, Chemung County Health Department, Elmira, New York,
PB85-181238 **14**-*531,379* PC **A02**/MF **A01**

**HETA-83-141-1322**
Health Hazard Evaluation Report No. HETA 83-141-1322, U.S. E.P.A. (Environmental Protection Agency) Central Regional Laboratory, Annapolis, Maryland,
PB85-101541 **01**-*500,755* PC **A02**/MF **A01**

**HETA-83-142-1431**
Health Hazard Evaluation Report HETA 83-142-1431, ICI Americas, Inc., Charlestown, Indiana,
PB85-184125 **15**-*533,378* PC **A02**/MF **A01**

**HETA-83-143-1419**
Health Hazard Evaluation Report HETA 83-143-1419, United States Assay Office, San Francisco, California,
PB85-179141 **14**-*531,354* PC **A02**/MF **A01**

**HETA-83-145-1330**
Health Hazard Evaluation Report No. HETA 83-145-1330, Frontier Airlines, Denver, Colorado,
PB85-101723 **01**-*500,757* PC **A02**/MF **A01**

**HETA-83-153-1510**
Health Hazard Evaluation Report HETA 83-153-1510, Swedish Hospital, Seattle, Washington,
PB85-221364 **21**-*547,640* PC **A02**/MF **A01**

**HETA-83-157-1373**
Health Hazard Evaluation Report No. HETA 83-157-1373, Fire Department, Stamford, Connecticut,
PB85-163475 **11**-*523,828* PC **A02**/MF **A01**

**HETA-83-159-1473**
Health Hazard Evaluation Report HETA 83-159-1473, Seamless Hospital Products Company, Fayette, Alabama,
PB85-184174 **15**-*533,380* PC **A02**/MF **A01**

**HETA-83-164-1377**
Health Hazard Evaluation Report HETA 83-164-1377, Siemens Components, Inc., Broomfield, Colorado,
PB85-178754 **14**-*531,349* PC **A02**/MF **A01**

**HETA-83-170-1346**
Health Hazard Evaluation Report No. HETA 83-170-1346, Xomox Corporation, Cincinnati, Ohio,
PB85-163434 **11**-*523,824* PC **A02**/MF **A01**

**HETA-83-172-1409**
Health Hazard Evaluation Report HETA 83-172-1409, Wappingers Central School District, Wappingers Falls, New York,
PB85-179166 **14**-*531,356* PC **A03**/MF **A01**

**HETA-83-184-1416**
Health Hazard Evaluation Report No. HETA-83-184-1416, Penn Emblem Company, Philadelphia, Pennsylvania,
PB85-181303 **15**-*533,373* PC **A02**/MF **A01**

**HETA-83-189-1368**
Health Hazard Evaluation Report HETA 83-189-1368, Goodyear Aerospace Corp., Akron, Ohio,
PB85-161081 **11**-*523,819* PC **A02**/MF **A01**

**HETA-83-191-1423**
Health Hazard Evaluation Report No. HETA-83-191-1423, National Zoological Park Conservation Center, Front Royal, Virginia,
PB85-181196 **14**-*531,376* PC **A02**/MF **A01**

**HETA-83-195-1426**
Health Hazard Evaluation Report HETA 83-195-1426, David Mayer Poultry Farm, Hobgood, North Carolina,
PB85-184299 **15**-*533,392* PC **A03**/MF **A01**

**HETA-83-196-1492**
Health Hazard Evaluation Report HETA 83-196-1492, Goodyear Tire and Rubber Company, Gadsden, Alabama,
PB85-221349 **21**-*547,638* PC **A02**/MF **A01**

**HETA-83-214-1424**
Health Hazard Evaluation Report HETA 83-214-1424, West Virginia Air National Guard, 167th Tactical Airlift Group, Martinsburg, West Virginia,
PB85-179265 **15**-*533,369* PC **A02**/MF **A01**

**HETA-83-217-1425**
Health Hazard Evaluation Report HETA 83-217-1425, Medical College of Pennsylvania, Philadelphia, Pennsivania,
PB85-179240 **15**-*533,368* PC **A02**/MF **A01**

**HETA-83-227-1466**
Health Hazard Evaluation Report HETA 83-227-1466, Puget Sound Naval Shipyard, Bremerton, Washington,
PB85-185353 **15**-*533,399* PC **A02**/MF **A01**

**HETA-83-233-1410**
Health Hazard Evaluation Report HETA 83-233-1410, Pelton and Crane Company, Charlotte, North Carolina,
PB85-179158 **14**-*531,355* PC **A02**/MF **A01**

**HETA-83-248-1515**
Health Hazard Evaluation Report HETA 83-248-1515, ARCO Philadelphia Refinery, Philadelphia Pennsylvania,
PB85-208320 **19**-*542,697* PC **A02**/MF **A01**

**HETA-83-254-1393**
Health Hazard Evaluation Report HETA 83-254-1393, United Uniform Manufacturing Company of Memphis, Inc., Memphis, Tennessee,
PB85-179281 **14**-*531,360* PC **A02**/MF **A01**

**HETA-83-266-1391**
Health Hazard Evaluation Report, No. HETA-83-266-1391, McCourt Label Company, Bradford, Pennsylvania,
PB85-181261 **14**-*531,382* PC **A02**/MF **A01**

**HETA-83-269-1430**
Health Hazard Evaluation Report HETA 83-269-1430, Siemens Components, Inc., Broomfield, Colorado,
PB85-180313 **15**-*533,371* PC **A02**/MF **A01**

**HETA-83-275-1394**
Health Hazard Evaluation Report HETA 83-275-1394, Kautt and Bux Manufacturing, Mundelein, Illinois,
PB85-179299 **14**-*531,361* PC **A02**/MF **A01**

**HETA-83-276-1499**
Health Hazard Evaluation Report HETA 83-276-1499, Charlie's Taxidermy and Gifts, Fleetwood, Pennsylvania,
PB85-220309 **22**-*549,872* PC **A02**/MF **A01**

**HETA-83-279-1482**
Health Hazard Evaluation Report HETA 82-293-1482, 83-279-1482, United Association of the Plumbing and Pipefitting Industry, California Department of Housing, California Area,
PB85-220812 **21**-*547,615* PC **A03**/MF **A01**

**HETA-83-280-1530**
Health Hazard Evaluation Report HETA 83-280-1530, Orange County Fire Department, Orlando, Florida,
PB85-234334 **25**-*557,719* PC **A02**/MF **A01**

**HETA-83-281-1457**
Health Hazard Evaluation Report HETA 83-281-1457, Holley Electric Corporation, Jesup, Georgia,
PB85-184232 **15**-*533,386* PC **A02**/MF **A01**

**HETA-83-284-1536**
Health Hazard Evaluation Report HETA 83-284-1536, Dialysis Clinic, Inc., Atlanta, Georgia,
PB85-207751 **19**-*542,673* PC **A02**/MF **A01**

**HETA-83-296-1491**
Health Hazard Evaluation Report HETA 83-296-1491, Johnson Controls, Inc., Watertown, Wisconsin,
PB85-220986 **21**-*547,630* PC **A02**/MF **A01**

**HETA-83-301-1478**
Health Hazard Evaluation Report HETA 83-301-1478, Lion Uniform Company, Beattyville, Kentucky,
PB85-221372 **21**-*547,641* PC **A03**/MF **A01**

**HETA-83-312-1400**
Health Hazard Evaluation Report HETA 83-312-1400, Champion Technology Center, Hamilton, Ohio,
PB85-179208 **15**-*533,364* PC **A02**/MF **A01**

**HETA-83-320-1432**
Health Hazard Evaluation Report HETA 83-320-1432, National Endowment for the Arts, Washington, DC.,
PB85-179760 **14**-*531,374* PC **A02**/MF **A01**

**HETA-83-326-1535**
Health Hazard Evaluation Report HETA 83-326-1535, Liquid Disposal Incorporated, Shelby Township, Michigan,
PB85-208312 **19**-*542,696* PC **A02**/MF **A01**

**HETA-83-329-1498**
Health Hazard Evaluation Report HETA 83-329-1498, Southern Bell, Atlanta, Georgia,
PB85-208379 **19**-*542,702* PC **A02**/MF **A01**

**HETA-83-338-1399**
Health Hazard Evaluation Report HETA 83-338-1399, Palmer Instruments, Incorporated, Cincinnati, Ohio,
PB85-179216 **15**-*533,365* PC **A02**/MF **A01**

**HETA-83-348-1397**
Health Hazard Evaluation Report No. HETA-83-348-1397, Littleton Historical Museum, Littleton, Colorado,
PB85-181287 **14**-*531,384* PC **A02**/MF **A01**

**HETA-83-358-1362**
Health Hazard Evaluation Report HETA 82-358-1362, George H. Fallon Federal Office Building, Baltimore, Maryland,
PB85-158095 **10**-*521,582* PC **A02**/MF **A01**

**HETA-83-360-1495**
Health Hazard Evaluation Report HETA 83-360-1495, Chester Fire Department, Chester, Pennsylvania,
PB85-220291 **22**-*549,871* PC **A02**/MF **A01**

**HETA-83-361-1463**
Health Hazard Evaluation Report HETA 83-361-1463, Amfac Garden Perry's, Carpenteria, California,
PB85-185569 **15**-*533,404* PC **A02**/MF **A01**

**HETA-83-373-1501**
Health Hazard Evaluation Report HETA 83-373-1501, Brown's Bridge Animal Hospital, Gainesville, Georgia,
PB85-220820 **21**-*547,616* PC **A02**/MF **A01**

**HETA-83-375-1521**
Health Hazard Evaluation Report HETA 83-375-1521, Federal Grain Inspection Service-USDA, Portland, Oregon,
PB85-207868 **19**-*542,683* PC **A04**/MF **A01**

**HETA-83-381-1411**
Health Hazard Evaluation Report No. HETA-83-381-1411, Riverfront Stadium, Cincinnati, Ohio,
PB85-181212 **14**-*531,377* PC **A02**/MF **A01**

**HETA-83-383-1480**
Health Hazard Evaluation Report HETA 83-383-1480, Progress Federal Savings and Loan, Bridgeport, Pennsylvania,
PB85-220275 **22**-*549,870* PC **A02**/MF **A01**

**HETA-83-385-1469**
Health Hazard Evaluation Report HETA 83-385-1469, Agricultural Commissioner, San Luis Obispo County, Paso Robles, California,
PB85-185346 **15**-*533,398* PC **A02**/MF **A01**

**HETA-83-408-1389**
Health Hazard Evaluation Report No. HETA-83-408-1389, U.S. Forest Service, Dillon District, Frisco, Colorado,
PB85-181253 **14**-*531,381* PC **A02**/MF **A01**

**HETA-83-409-1450**
Health Hazard Evaluation Report HETA 83-409-1450, King Kwik Minit Market, Inc., Cincinnati, Ohio,
PB85-186732 **15**-*533,406* PC **A02**/MF **A01**

**HETA-83-417-1357**
Health Hazard Evaluation Report No. HETA 83-417-1357, U.S. Environmental Protection Agency, Triangle Chemical Site, Bridge City, Texas,
PB85-164770 **11**-*523,844* PC **A03**/MF **A01**

**HETA-83-424-1403**
Health Hazard Evaluation Report HETA 83-424-1403, Ozark National Scenic Riverways, Van Buren, Missouri,
PB85-179182 **14**-*531,358* PC **A02**/MF **A01**

**HETA-83-425-1500**
Health Hazard Evaluation Report HETA 83-425-1500, Westview Press, Boulder, Colorado,
PB85-220846 **21**-*547,618* PC **A02**/MF **A01**

**HETA-83-438-1479**
Health Hazard Evaluation Report HETA 83-438-1479, Grundy Industries, Inc., Joliet, Illinois,
PB85-220960 **21**-*547,628* PC **A02**/MF **A01**

**HETA-83-440-1537**
Health Hazard Evaluation Report HETA 83-440-1537, Papillion Creek Wastewater Treatment Plant, Omaha, Nebraska,
PB85-208270 **19**-*542,692* PC **A03**/MF **A01**

**HETA-83-444-1481**
Health Hazard Evaluation Report HETA 83-444-1481, Georgetown University, Washington, DC.,
PB85-220895 **21**-*547,621* PC **A03**/MF **A01**

**HETA-83-445-1487**
Health Hazard Evaluation Report HETA 83-445-1487, DeLore International, Cincinnati, Ohio,
PB85-222867 **21**-*547,658* PC **A02**/MF **A01**

**HETA-83-450-1468**
Health Hazard Evaluation Report HETA 83-450-1468, George Rogers Clark National Historical Park, Vincennes, Indiana,
PB85-185320 **15**-*533,396* PC **A02**/MF **A01**

**HETA-83-453-1488**
Health Hazard Evaluation Report HETA 83-453-1488, Chef Pierre, Inc., Traverse City, Michigan,
PB85-220903 **21**-*547,622* PC **A02**/MF **A01**

**HETA-83-459-1465**
Health Hazard Evaluation Report HETA 83-459-1465, Stuart Manufacturing, Denver, Colorado,
PB85-184281 **15**-*533,391* PC **A02**/MF **A01**

**HETA-84-010-1445**
Health Hazard Evaluation Report HETA 84-010-1445, Taylor Borough Drum Site, Taylor Borough, Pennsylvania,
PB85-221521 **22**-*549,876* PC **A02**/MF **A01**

**HETA-84-013-1504**
Health Hazard Evaluation Report HETA 84-013-1504, Sea-Land Service, Inc., Seattle, Washington,
PB85-220838 **21**-*547,617* PC **A02**/MF **A01**

**HETA-84-014-1507**
Health Hazard Evaluation Report HETA 84-014-1507, Davis and Geck, Inc., Danbury, Connecticut,
PB85-224020 **21**-*547,665* PC **A02**/MF **A01**

**HETA-84-023-1462**
Health Hazard Evaluation Report HETA 84-023-1462, Dale Electronics, Incorporated, Yankton, South Dakota,
PB85-185577 **15**-*533,405* PC **A02**/MF **A01**

**HETA-84-028-1517**
Health Hazard Evaluation Report HETA 84-028-1517, Drive Train Industries, Inc., Albuquerque, New Mexico,
PB85-208353 **19**-*542,700* PC **A02**/MF **A01**

**HETA-84-029-1427**
Health Hazard Evaluation Report No. HETA-84-029-1427, Jewish Family and Childrens Agency, Ardmore, Pennsylvania,
PB85-181311 **15**-*533,374* PC **A02**/MF **A01**

**HETA-84-038-1513**
Health Hazard Evaluation Report HETA 84-038-1513, Kennecott Smelter, Hurley, New Mexico,
PB85-208361 **19**-*542,701* PC **A03**/MF **A01**

**HETA-84-043-1429**
Health Hazard Evaluation Report HETA 84-043-1429, Pennsylvania Department of Transportation, Transportation and Safety Building, Harrisburg, Pennsylvania,
PB85-180305 **15**-*533,370* PC **A02**/MF **A01**

**HETA-84-044-1441**
Health Hazard Evaluation Report HETA 84-044-1441, Rhinehart Tire Fire, Winchester, Virginia,
PB85-185155 **15**-*533,394* PC **A02**/MF **A01**

**HETA-84-065-1519**
Health Hazard Evaluation Report HETA 84-065-1519, Southern Oregon State College, Ashland, Oregon,
PB85-208221 **19**-*542,687* PC **A02**/MF **A01**

**HETA-84-074-1476**
Health Hazard Evaluation Report HETA 84-074-1476, Grundy Industries, Inc., Denver, Colorado,
PB85-187698 **15**-*533,408* PC **A02**/MF **A01**

**HETA-84-089-1505**
Health Hazard Evaluation Report HETA 84-089-1505, Pratt and Whitney, East Hartford, Connecticut,
PB85-219954 **21**-*547,601* PC **A02**/MF **A01**

**HETA-84-090-1533**
Health Hazard Evaluation Report HETA 84-090-1533, J. Butler, D.D.S., Wellston, Ohio,
PB85-208254 **19**-*542,690* PC **A03**/MF **A01**

**HETA-84-098-1497**
Health Hazard Evaluation Report HETA 84-098-1497, University of Pennsylvania, Medical Education Building, Philadelphia, Pennsylvania,
PB85-220861 **21**-*547,619* PC **A02**/MF **A01**

**HETA-84-099-1514**
Health Hazard Evaluation Report HETA 84-099-1514, C.F. and I. Steel, Pueblo, Colorado,
PB85-208346 **19**-*542,699* PC **A02**/MF **A01**

**HETA-84-115-1493**
Health Hazard Evaluation Report HETA 84-115-1493, Mainstreet Enterprises, Lebanon, Indiana,
PB85-220978 **21**-*547,629* PC **A02**/MF **A01**

**HETA-84-116-1486**
Health Hazard Evaluation Report HETA 84-116-1486, Butte Sheltered Workshops, Inc., Butte, Montana,
PB85-220465 **22**-*549,873* PC **A02**/MF **A01**

**HETA-84-155-1489**
Health Hazard Evaluation Report HETA 84-155-1489, Clara Maass Medical Center, Belleville, New Jersey,
PB85-221356 **21**-*547,639* PC **A02**/MF **A01**

**HETA-84-174-1490**
Health Hazard Evaluation Report HETA 84-174-1490, Denver General Hospital, Denver, Colorado,
PB85-220911 **21**-*547,623* PC **A02**/MF **A01**

**HETA-84-196-1527**
Health Hazard Evaluation Report HETA 84-196-1527, Basic Tool and Supply, Oakland, California,
PB85-208205 **19**-*542,685* PC **A02**/MF **A01**

**HETA-84-216-1506**
Health Hazard Evaluation Report HETA 84-216-1506, Ackerley Communications, Inc., Stoneham, Massachusetts,
PB85-208544 **19**-*542,704* PC **A02**/MF **A01**

**HETA-84-221-1523**
Health Hazard Evaluation Report HETA 84-221-1523, Pennsylvania Hospital, Philadelphia, Pennsylvania,
PB85-208247 **19**-*542,689* PC **A02**/MF **A01**

**HETA-84-229-1543**
Health Hazard Evaluation Report HETA 84-299-1543, Impressions Handprinters, Chicago, Illinois,
PB85-234151 **25**-*557,714* PC **A02**/MF **A01**

**HETA-84-230-1528**
Health Hazard Evaluation Report HETA 84-230-1528, Rubbermaid Incorporated, Wooster, Ohio,
PB85-208239 **19**-*542,688* PC **A02**/MF **A01**

**HETA-84-270-1494**
Health Hazard Evaluation Report HETA 84-270-1494, Federal Energy Regulatory Commission, Washington, DC.,
PB85-220952 **21**-*547,627* PC **A02**/MF **A01**

**HETA-84-286-1512**
Health Hazard Evaluation Report HETA 84-286-1512, Stanley Aviation Corporation, Denver, Colorado,
PB85-220283 **21**-*547,607* PC **A02**/MF **A01**

**HETA-84-299-1524**
Health Hazard Evaluation Report HETA 84-299-1524, Aspen Ice Rink, Aspen, Colorado,
PB85-208213 **19**-*542,686* PC **A02**/MF **A01**

**HETA-84-302-1542**
Health Hazard Evaluation Report HETA 84-302-1542, C.F. and I. Steel, Pueblo, Colorado,
PB85-240620 **25**-*557,737* PC **A02**/MF **A01**

**HETA-84-322-1502**
Health Hazard Evaluation Report HETA 84-322-1502, Pennsylvania Institute of Taxidermy, Inc., Ebensburg, Pennsylvania,
PB85-208536 **19**-*542,703* PC **A02**/MF **A01**

**HETA-84-324-1526**
Health Hazard Evaluation Report HETA 84-324-1526, Nassau County Health Department Laboratories, Hempstead, New York,
PB85-208262 **19**-*542,691* PC **A02**/MF **A01**

**HETA-84-373-1509**
Health Hazard Evaluation Report HETA 84-373-1509, the Interchurch Center, New York, New York,
PB85-221539 **22**-*549,877* PC **A02**/MF **A01**

**HETA-84-408-1522**
Health Hazard Evaluation Report HETA 84-408-1522, U.S. Forest Service, Redding, California,
PB85-208551 **19**-*542,705* PC **A02**/MF **A01**

**HETA-84-430-1518**
Health Hazard Evaluation Report HETA 84-430-1518, DMG Incorporated, Philadelphia, Pennsylvania,
PB85-247484 **26**-*560,378* PC **A02**/MF **A01**

**HETA-84-437-1532**
Health Hazard Evaluation Report HETA 84-437-1532, Perry Nuclear Power Plant, Perry, Ohio,
PB85-208288 **19**-*542,693* PC **A02**/MF **A01**

**HH-80-415**
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N84-33418/4 **01**-*500,043* PC **A06**/MF **A01**

**HHE-79-139-966**
Health Hazard Evaluation Report HHE 79-139-966, Fulflex Rubber Company, Bristol, Rhode Island,
PB85-178523 **14**-*531,342* PC **A03**/MF **A01**

**HHE-80-134-986**
Health Hazard Evaluation Report HHE 80-134-986, Pennex Pharmaceuticals, Verona, Pennsylvania.
PB85-178499 **14**-*531,340* PC **A02**/MF **A01**

**HHI-84-284**
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AD-A158 816/9 **25**-*557,223* PC **A11**/MF **A01**

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PB85-163327 **11**-*523,746* PC **A07**/MF **A01**

**HHS/DF/MT-85/001**
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PB85-217560 **20**-*544,817* CP **T02**

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HRP-0906137/5 **16**-*535,687* PC **A04**/MF **A01**

**HRP-0906138/3**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Michigan.
HRP-0906138/3 **16**-*535,687* PC **A12**/MF **A01**

**HRP-0906139/1**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Minnesota.
HRP-0906139/1 **16**-*535,687* PC **A12**/MF **A01**

**HRP-0906140/9**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Mississippi.
HRP-0906140/9 **16**-*535,687* PC **A12**/MF **A01**

**HRP-0906141/7**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Missouri.
HRP-0906141/7 **16**-*535,687* PC **A16**/MF **A01**

**HRP-0906142/5**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Montana.
HRP-0906142/5 **16**-*535,687* PC **A09**/MF **A01**

**HRP-0906143/3**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Nebraska.
HRP-0906143/3 **16**-*535,687* PC **A13**/MF **A01**

**HRP-0906144/1**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Nevada.
HRP-0906144/1 **16**-*535,687* PC **A04**/MF **A01**

**HRP-0906145/8**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of New Hampshire.
HRP-0906145/8 **16**-*535,687* PC **A03**/MF **A01**

**HRP-0906146/6**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of New Jersey.
HRP-0906146/6 **16**-*535,687* PC **A05**/MF **A01**

**HRP-0906147/4**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of New Mexico.
HRP-0906147/4 **16**-*535,687* PC **A06**/MF **A01**

**HRP-0906148/2**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of New York.
HRP-0906148/2 **16**-*535,687* PC **A09**/MF **A01**

**HRP-0906149/0**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of North Carolina.
HRP-0906149/0 **16**-*535,687* PC **A14**/MF **A01**

**HRP-0906150/8**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of North Dakota.
HRP-0906150/8 **16**-*535,687* PC **A08**/MF **A01**

**HRP-0906151/6**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Ohio.
HRP-0906151/6 **16**-*535,687* PC **A13**/MF **A01**

**HRP-0906152/4**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Oklahoma.
HRP-0906152/4 **16**-*535,687* PC **A11**/MF **A01**

**HRP-0906153/2**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Oregon.
HRP-0906153/2 **16**-*535,687* PC **A06**/MF **A01**

**HRP-0906154/0**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Pennsylvania.
HRP-0906154/0 **16**-*535,687* PC **A10**/MF **A01**

**HRP-0906155/7**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Rhode Island.
HRP-0906155/7 **16**-*535,687* PC **A03**/MF **A01**

**HRP-0906156/5**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of South Carolina.
HRP-0906156/5 **16**-*535,687* PC **A08**/MF **A01**

**HRP-0906157/3**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of South Dakota.
HRP-0906157/3 **16**-*535,687* PC **A10**/MF **A01**

**HRP-0906158/1**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Tennessee.
HRP-0906158/1 **16**-*535,687* PC **A13**/MF **A01**

**HRP-0906159/9**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Texas.
HRP-0906159/9 **16**-*535,687* PC **A99**/MF **E04**

**HRP-0906160/7**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Utah.
HRP-0906160/7 **16**-*535,687* PC **A06**/MF **A01**

**HRP-0906161/5**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Vermont.
HRP-0906161/5 **16**-*535,687* PC **A04**/MF **A01**

**HRP-0906162/3**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Virginia.
HRP-0906162/3 **16**-*535,687* PC **A14**/MF **A01**

**HRP-0906163/1**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Washington.
HRP-0906163/1 **16**-*535,687* PC **A07**/MF **A01**

**HRP-0906164/9**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of West Virginia.
HRP-0906164/9 **16**-*535,687* PC **A09**/MF **A01**

**HRP-0906165/6**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Wisconsin.
HRP-0906165/6 **16**-*535,687* PC **A11**/MF **A01**

**HRP-0906166/4**

Selected Geographic Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Wyoming.
HRP-0906166/4 **16**-*535,687* PC **A05**/MF **A01**

**HRP-0906167/2**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Alabama.
HRP-0906167/2
**16**-*535,688*
See individual report for order number and price

**HRP-0906168/0**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Alaska.
HRP-0906168/0 **16**-*535,688* PC **A02**/MF **A01**

**HRP-0906169/8**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Arizona.
HRP-0906169/8 **16**-*535,688* PC **A04**/MF **A01**

**HRP-0906170/6**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Arkansas.
HRP-0906170/6 **16**-*535,688* PC **A14**/MF **A01**

**HRP-0906171/4**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of California.
HRP-0906171/4 **16**-*535,688* PC **A11**/MF **A01**

**HRP-0906172/2**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Colorado.
HRP-0906172/2 **16**-*535,688* PC **A12**/MF **A01**

**HRP-0906173/0**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Connecticut.
HRP-0906173/0 **16**-*535,688* PC **A03**/MF **A01**

**HRP-0906174/8**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Delaware.
HRP-0906174/8 **16**-*535,688* PC **A02**/MF **A01**

**HRP-0906175/5**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the District of Columbia.
HRP-0906175/5 **16**-*535,688* PC **A02**/MF **A01**

**HRP-0906176/3**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Florida.
HRP-0906176/3 **16**-*535,688* PC **A13**/MF **A01**

**HRP-0906177/1**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Georgia.
HRP-0906177/1 **16**-*535,688* PC **A99**/MF **A01**

**HRP-0906178/9**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Hawaii.
HRP-0906178/9 **16**-*535,688* PC **A03**/MF **A01**

**HRP-0906179/7**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Idaho.
HRP-0906179/7 **16**-*535,688* PC **A09**/MF **A01**

**HRP-0906180/5**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Illinois.
HRP-0906180/5 **16**-*535,688* PC **A18**/MF **A01**

**HRP-0906181/3**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Indiana.
HRP-0906181/3 **16**-*535,688* PC **A17**/MF **A01**

**HRP-0906182/1**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Iowa.
HRP-0906182/1 **16**-*535,688* PC **A18**/MF **A01**

**HRP-0906183/9**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Kansas.
HRP-0906183/9 **16**-*535,688* PC **A15**/MF **A01**

**HRP-0906184/7**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Kentucky.
HRP-0906184/7 **16**-*535,688* PC **A21**/MF **A01**

**HRP-0906185/4**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Louisiana.
HRP-0906185/4 **16**-*535,688* PC **A12**/MF **A01**

**HRP-0906186/2**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Maine.
HRP-0906186/2 **16**-*535,688* PC **A05**/MF **A01**

**HRP-0906187/0**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Maryland.
HRP-0906187/0 **16**-*535,688* PC **A06**/MF **A01**

**HRP-0906188/8**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Massachusetts.
HRP-0906188/8 **16**-*535,688* PC **A04**/MF **A01**

**HRP-0906189/6**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Michigan.
HRP-0906189/6 **16**-*535,688* PC **A15**/MF **A01**

**HRP-0906190/4**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Minnesota.
HRP-0906190/4 **16**-*535,688* PC **A16**/MF **A01**

**HRP-0906191/2**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Mississippi.
HRP-0906191/2 **16**-*535,688* PC **A15**/MF **A01**

**HRP-0906192/0**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Missouri.
HRP-0906192/0 **16**-*535,688* PC **A20**/MF **A01**

**HRP-0906193/8**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Montana.
HRP-0906193/8 **16**-*535,688* PC **A11**/MF **A01**

**HRP-0906194/6**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Nebraska.
HRP-0906194/6 **16**-*535,688* PC **A17**/MF **A01**

**HRP-0906195/3**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Nevada.
HRP-0906195/3 **16**-*535,688* PC **A05**/MF **A01**

**HRP-0906196/1**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of New Hampshire.
HRP-0906196/1 **16**-*535,688* PC **A04**/MF **A01**

**HRP-0906197/9**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of New Jersey.
HRP-0906197/9 **16**-*535,688* PC **A05**/MF **A01**

**HRP-0906198/7**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of New Mexico.
HRP-0906198/7 **16**-*535,688* PC **A07**/MF **A01**

**HRP-0906199/5**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of New York.
HRP-0906199/5 **16**-*535,688* PC **A12**/MF **A01**

**HRP-0906200/1**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of North Carolina.
HRP-0906200/1 **16**-*535,688* PC **A18**/MF **A01**

**HRP-0906201/9**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of North Dakota.
HRP-0906201/9 **16**-*535,688* PC **A10**/MF **A01**

**HRP-0906202/7**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Ohio.
HRP-0906202/7 **16**-*535,688* PC **A16**/MF **A01**

**HRP-0906203/5**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Oklahoma.
HRP-0906203/5 **16**-*535,688* PC **A14**/MF **A01**

**HRP-0906204/3**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Oregon.
HRP-0906204/3 **16**-*535,688* PC **A08**/MF **A01**

**HRP-0906205/0**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Pennsylvania.
HRP-0906205/0 **16**-*535,688* PC **A13**/MF **A01**

**HRP-0906206/8**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Rhode Island.
HRP-0906206/8 **16**-*535,688* PC **A03**/MF **A01**

**HRP-0906207/6**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of South Carolina.
HRP-0906207/6 **16**-*535,688* PC **A09**/MF **A01**

**HRP-0906208/4**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of South Dakota.
HRP-0906208/4 **16**-*535,688* PC **A13**/MF **A01**

**HRP-0906209/2**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Tennessee.
HRP-0906209/2 **16**-*535,688* PC **A17**/MF **A01**

**HRP-0906210/0**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Texas.
HRP-0906210/0 **16**-*535,688* PC **A99**/MF **E06**

**HRP-0906211/8**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Utah.
HRP-0906211/8 **16**-*535,688* PC **A07**/MF **A01**

**HRP-0906212/6**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Vermont.
HRP-0906212/6 **16**-*535,688* PC **A04**/MF **A01**

**HRP-0906213/4**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Virginia.
HRP-0906213/4 **16**-*535,688* PC **A18**/MF **A01**

**HRP-0906214/2**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Washington.
HRP-0906214/2 **16**-*535,688* PC **A08**/MF **A01**

**HRP-0906215/9**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of West Virginia.
HRP-0906215/9 **16**-*535,688* PC **A11**/MF **A01**

**HRP-0906216/7**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Wisconsin.
HRP-0906216/7 **16**-*535,688* PC **A14**/MF **A01**

**HRP-0906217/5**

Geographic Trends in Resources from the Bureau of Health Profession's Area Resource File (ARF) System for the State of Wyoming.
HRP-0906217/5 **16**-*535,688* PC **A06**/MF **A01**

**HRP-0906218/3**

Use of DRGs (Diagnosis Related Groups) in Health Planning.
HRP-0906218/3 **13**-*528,720* PC **A03**/MF **A01**

**HRP-0906219/1**

Annual Implementation Plan for the Navajo Nation, 1981-1982. Arizona Health Service Area 4.
HRP-0906219/1 **08**-*516,202* PC **A05**/MF **A01**

**HRP-0906220/9**

Navajo Master Health Plan, 1979-1983. Arizona Health Service Area 4. Home Health Care Services.
HRP-0906220/9 **08**-*516,203* PC **A03**/MF **A01**

**HRP-0906221/7**

Navajo Master Health Plan, 1979-1983. Arizona Health Service Area 4. Home Health Care Services: Data Volume.
HRP-0906221/7 **08**-*516,204* PC **A02**/MF **A01**

**HRP-0906222/5**

Navajo Master Health Plan, 1979-1983. Arizona Health Service Area 4. Native Healing Services.
HRP-0906222/5 **08**-*516,119* PC **A02**/MF **A01**

**HRP-0906223/3**

Navajo Master Health Plan, 1979-1983. Arizona Health Service Area 4. Native Healing Services: Data Volume.
HRP-0906223/3 **08**-*516,120* PC **A02**/MF **A01**

**HRP-0906224/1**

Navajo Master Health Plan, 1979-1983. Arizona Health Service Area 4. Dental Health Services.
HRP-0906224/1 **08**-*516,205* PC **A03**/MF **A01**

**HRP-0906225/8**

Navajo Master Health Plan, 1979-1983. Arizona Health Service Area 4. Dental Health Services: Data Volume.
HRP-0906225/8 **08**-*516,206* PC **A04**/MF **A01**

**HRP-0906226/6**

Navajo Master Health Plan, 1979-1983. Arizona Health Service Area 4. Occupational Health Services.
HRP-0906226/6 **08**-*516,254* PC **A02**/MF **A01**

**HRP-0906227/4**

Navajo Master Health Plan, 1979-1983. Arizona Health Service Area 4. Occupational Health Services: Data Volume.
HRP-0906227/4 **08**-*516,255* PC **A02**/MF **A01**

**HRP-0906228/2**

Navajo Master Health Plan, 1979-1983. Arizona Health Service Area 4. Behavioral Health Services.
HRP-0906228/2 **08**-*516,111* PC **A04**/MF **A01**

**HRP-0906229/0**

Navajo Master Health Plan, 1979-1983. Arizona Health Service Area 4. Behavioral Health Services: Data Volume.
HRP-0906229/0 **08**-*516,112* PC **A05**/MF **A01**

**HRP-0906230/8**

Navajo Master Health Plan, 1979-1983. Arizona Health Service Area 4. Nursing Home Services and Data Volume.
HRP-0906230/8 **08**-*516,121* PC **A03**/MF **A01**

**HRP-0906231/6**

Navajo Master Health Plan, 1979-1983. Arizona Health Service Area 4. Ambulatory Care Services: Data Volume.
HRP-0906231/6 **08**-*516,207* PC **A06**/MF **A01**

**HRP-0906232/4**

Navajo Master Health Plan, 1979-1983. Arizona Health Service Area 4. Ambulatory Care Services.
HRP-0906232/4 **08**-*516,208* PC **A03**/MF **A01**

**HRP-0906233/2**

Navajo Master Health Plan, 1979-1983. Arizona Health Service Area 4. Medical Facilities Plan and Data Volume.
HRP-0906233/2 **09**-*518,655* PC **A06**/MF **A01**

**HRP-0906234/0**

Annual Implementation Plan for Massachusetts, 1984-1985.
HRP-0906234/0 **08**-*516,209* PC **A03**/MF **A01**

**HRP-0906235/7**

Experience with the Section 1122 Capital Expenditure Review Program.
HRP-0906235/7 **11**-*523,729* PC **A07**/MF **A01**

**HRP-0906236/5**

Navajo Master Health Plan, 1979-1983. Arizona Health Service Area 4. Emergency Medical Services.
HRP-0906236/5 **08**-*516,210* PC **A03**/MF **A01**

**HRP-0906237/3**

Navajo Master Health Plan, 1979-1983. Arizona Health Service Area 4. Emergency Medical Services: Data Volume.
HRP-0906237/3 **08**-*516,211* PC **A03**/MF **A01**

**HRP-0906238/1**

Navajo Master Health Plan, 1979-1983. Arizona Health Service Area 4. Nutrition Services.
HRP-0906238/1 **08**-*516,122* PC **A02**/MF **A01**

**HRP-0906239/9**

Navajo Master Health Plan, 1979-1983. Arizona Health Service Area 4. Nutrition Services: Data Volume.
HRP-0906239/9 **08**-*516,123* PC **A02**/MF **A01**

**HRP-0906240/7**

Navajo Master Health Plan, 1979-1983. Arizona Health Service Area 4. Developmental Disabilities/Services for the Handicapped.
HRP-0906240/7 **08**-*516,081* PC **A03**/MF **A01**

**HRP-0906241/5**

Navajo Master Health Plan, 1979-1983. Arizona Health Service Area 4. Health Education Services and Data Volume.
HRP-0906241/5 **08**-*516,212* PC **A03**/MF **A01**

**HRP-0906242/3**

Navajo Master Health Plan, 1979-1983. Arizona Health Service Area 4. Developmental Disabilities/Services for the Handicapped: Data Volume.
HRP-0906242/3 **08**-*516,082* PC **A03**/MF **A01**

**HRP-0906243/1**

Innovation in Facilities Planning: Five Papers.
HRP-0906243/1 **10**-*521,513* PC **A09**/MF **A01**

**HRP-0906244/9**

Policy Opportunities in Long Term Care (for Connecticut).
HRP-0906244/9 **10**-*521,514* PC **A05**/MF **A01**

**HRP-0906245/6**

Minimum Standards of Operation for Mississippi Hospitals. Part 7. Chemical Dependency Units.
HRP-0906245/6 **12**-*526,430* PC **A04**/MF **A01**

**HRP-0906246/4**

Minimum Standards of Operation for Mississippi Hospitals. Part 8. Psychiatric Hospitals.
HRP-0906246/4 **12**-*526,431* PC **A05**/MF **A01**

**HRP-0906247/2**

State Legislated Actions Affecting Cancer Prevention: A Fifty State Profile.
HRP-0906247/2 **08**-*516,332* PC **A06**/MF **A01**

**HRP-0906248/0**

Seventh Cycle Guidance Materials for 1984-85 Health Systems Plans and the State Health Plan (for South Carolina).
HRP-0906248/0 **11**-*523,730* PC **A03**/MF **A01**

**HRP-0906249/8**

Glossary of Health Planning Terms. South Carolina Health Service Area 3.
HRP-0906249/8 **10**-*521,515* PC **A03**/MF **A01**

**HRP-0906250/6**

Health Care Cost Management. Long-Term Care: Institutional and Community. 1984 Addendum to the 1982 Illinois State Health Plan.
HRP-0906250/6 **10**-*521,516* PC **A08**/MF **A01**

**HRP-0906251/4**

Health in Southern Illinois: A Five Year Plan, 1985-1990 (Revised). Illinois Health Service Area 5.
HRP-0906251/4 **08**-*516,213* PC **A18**/MF **A01**

**HRP-0906252/2**

Health Maintenance Organization Study Group Report to the Connecticut Statewide Health Coordinating Council: Planning Guidance Number 6.
HRP-0906252/2 **09**-*518,656* PC **A02**/MF **A01**

**HRP-0906253/0**

Ambulatory Surgical Procedures Technical Advisory Group Report to the Connecticut Statewide Health Coordinating Council: Proposed Planning Guidance Document Number 8.
HRP-0906253/0 **13**-*528,721* PC **A03**/MF **A01**

**HRP-0906254/8**

Nuclear Magnetic Resonance Imaging. South Carolina Health Service Area 2.
HRP-0906254/8 **08**-*516,214* PC **A03**/MF **A01**

**HRP-0906255/5**

Acute Care Working Group Report (for Connecticut).
HRP-0906255/5 **09**-*518,657* PC **A02**/MF **A01**

**HRP-0906256/3**

Alternate Birth Centers. South Carolina Health Service Area 2.
HRP-0906256/3 **15**-*533,312* PC **A03**/MF **A01**

**HRP-0906257/1**

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**HRP-0906259/7**

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HRP-0906259/7 **09**-*518,659* PC **A03**/MF **A01**

**HRP-0906260/5**

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HRP-0906260/5 **09**-*518,660* PC **A05**/MF **A01**

**HRP-0906261/3**

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**HRP-0906262/1**

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**HRP-0906264/7**

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**HRP-0906265/4**

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**HRP-0906266/2**

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**HRP-0906267/0**

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**HRP-0906268/8**

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HRP-0906268/8 **09**-*518,664* PC **A04**/MF **A01**

**HRP-0906269/6**

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**HRP-0906274/6**

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**HRP-0906276/1**

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**HRP-0906277/9**

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**HRP-0906280/3**

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**HRP-0906281/1**

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**HRP-0906283/7**

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**HRP-0906285/2**

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**HRP-0906287/8**

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HRP-0906287/8 **12**-*526,434* PC **A05**/MF **A01**

**HRP-0906288/6**

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HRP-0906288/6 **13**-*528,657* PC **A10**/MF **A01**

**HRP-0906289/4**

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HRP-0906289/4 **09**-*518,670* PC **A10**/MF **A01**

**HRP-0906290/2**

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HRP-0906290/2 **12**-*526,435* PC **A02**/MF **A01**

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**HRP-0906299/3**

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HRP-0906299/3 **12**-*526,293* PC **A03**/MF **A01**

**HRP-0906300/9**

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HRP-0906300/9 **13**-*528,724* PC **A08**/MF **A01**

**HRP-0906301/7**

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**HRP-0906310/8**

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HRP-0906310/8 **13**-*528,632* PC **A07**/MF **A01**

**HRP-0906311/6**

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HRP-0906311/6 **13**-*528,728* PC **A05**/MF **A01**

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**HRP-0906313/2**

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HRP-0906313/2 **13**-*528,729* PC **A05**/MF **A01**

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HRP-0906324/9 **15**-*533,360* PC **A05**/MF **A01**

**HRP-0906325/6**

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HRP-0906325/6 **13**-*528,732* PC **A05**/MF **A01**

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**HRP-0906346/2**

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HRP-0906347/0 **14**-*531,259* PC **A02**/MF **A01**

**HRP-0906348/8**

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**HRP-0906349/6**

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HRP-0906349/6 **15**-*533,318* PC **A02**/MF **A01**

**HRP-0906350/4**

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**HRP-0906351/2**

County Health Demographic Profiles. Utah Health Service Area 1.
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HRP-0906352/0 **17**-*537,464* PC **A03**/MF **A01**

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**HRP-0906354/6**

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**HRP-0906357/9**

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**HRP-0906359/5**

Proposed Design: NHSC (National Health Service Corps) Private Practice Option Monitoring Information System.
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**HRP-0906360/3**

Evaluation of the Dissemination and Adoption of Findings Generated by a Study Supported by the Maternal and Child Health Research Grants Program.
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**HRP-0906361/1**

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HRP-0906361/1 **15**-*533,319* PC **A02**/MF **A01**

**HRP-0906362/9**

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HRP-0906365/2 **17**-*537,468* PC **A02**/MF **A01**

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HRP-0906366/0 **17**-*537,387* PC **A08**/MF **A01**

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HRP-0906368/6 **16**-*535,634* PC **A03**/MF **A01**

**HRP-0906369/4**

Death Statistics for Health Planning Areas in the Twin Cites for 1982. Minnesota Health Service Area 5.
HRP-0906369/4 **16**-*535,635* PC **A03**/MF **A01**

**HRP-0906370/2**

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HRP-0906370/2 **16**-*535,694* PC **A02**/MF **A01**

**HRP-0906372/8**

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**HRP-0906373/6**

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HRP-0906373/6 **16**-*535,695* PC **A03**/MF **A01**

**HRP-0906374/4**

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HRP-0906374/4 **16**-*535,696* PC **A04**/MF **A01**

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HRP-0906375/1 **18**-*540,072* PC **A02**/MF **A01**

**HRP-0906376/9**

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HRP-0906376/9 **17**-*537,470* PC **A02**/MF **A01**

**HRP-0906377/7**

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HRP-0906377/7 **18**-*540,073* PC **A03**/MF **A01**

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**HRP-0906379/3**

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HRP-0906385/0 **17**-*537,474* PC **A16**/MF **A01**

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Annual Implementation Plan for Central Massachusetts, 1985-1986. Massachusetts Health Service Area 2.
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**HRP-0906387/6**

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**HRP-0906388/4**

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**HRP-0906389/2**

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HRP-0906389/2 **17**-*537,478* PC **A02**/MF **A01**

**HRP-0906390/0**

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**HRP-0906391/8**

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HRP-0906391/8 **18**-*540,076* PC **A03**/MF **A01**

**HRP-0906392/6**
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HRP-0906392/6 **17**-*537,480* PC **A05**/MF **A01**

**HRP-0906393/4**
Health Systems Plan for Southern New Jersey, 1985-1990. New Jersey Health Service Area 5.
HRP-0906393/4 **17**-*537,481* PC **A10**/MF **A01**

**HRP-0906394/2**
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HRP-0906394/2 **18**-*540,077* PC **A05**/MF **A01**

**HRP-0906396/7**
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HRP-0906396/7 **18**-*540,078* PC **A02**/MF **A01**

**HRP-0906397/5**
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HRP-0906397/5 **19**-*542,563* PC **A10**/MF **A01**

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HRP-0906398/3 **19**-*542,564* PC **A99**/MF **A01**

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HRP-0906401/5 **19**-*542,565* PC **A02**/MF **A01**

**HRP-0906402/3**
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HRP-0906402/3 **17**-*537,483* PC **A11**/MF **A01**

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**HRP-0906404/9**
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**IA-1395**

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DE85780430 **20**-*546,270* PC **A03**/MF **A01**

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DE85780439 **20**-*546,272* PC **A02**/MF **A01**

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**IAEA-SR-104/12**

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DE85780409 **15**-*534,606* PC **A02**/MF **A01**

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DE85700310 **16**-*535,922* PC **A02**/MF **A01**

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DE85780427 **15**-*534,623* PC **A02**/MF **A01**

**IAEA-SR-104/28**

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DE85780429 **15**-*534,625* PC **A02**/MF **A01**

**IAEA-SR-104/30**

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DE85780431 **15**-*534,626* PC **A02**/MF **A01**

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**IC-83/94**
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**IC-83/95**
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**IC-83/96**
WKBJ Approximation.
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**IC-83/102**
Low Energy Supersymmetric Models for Several Generations and Proton Decay.
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**IC-83/104**
Theoretical and Experimental Studies of the Stability in CVD Nb sub 3 Sn Superconducting Composite Tapes.
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**IC-83/105**
Role of 75sub(H) in Fermion Mass Hierarchy.
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**IC-83/107**
Curved Flux Line Near the Edge of a Type II Superconductor.
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**IC-83/108**
Solution of Nonlinear Differential Equations over the Field of Mikusinski Operators.
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**IC-83/109**
Role of Hadronic Dynamics in Proton Decay.
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**IC-83/110**
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**IC-83/112**
Diffusion on a Disordered Cayley Tree.
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**IC-83/113**
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**IC-83/115**
Pinning of a Curved Flux Line by Macroscopic Inclusions in a Type II Superconductor.
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**IC-83/116**
New Solutions of Euclidean SU(2) Gauge Theory.
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**IC-83/117**
Solution of the Stankovic Problem in the Theory of Mikusinski Operators.
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**IC-83/121**
Closed Time-Path Green Function Formalism in Many-Body Theory.
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**IC-83/125**
Density of States of Random Systems.
DE84702061 **02**-*505,071* PC **A02**/MF **A01**

**IC-83/126**
Does the SU(5) Monopole Catalyze Proton Decay.
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**IC-83/127**
Temperature Dependence of Electrical Conductivity in Granular Metals.
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**IC-83/128**
Some Comments About the Comparison Between a Conventional and a Solar Powered Absorption Refrigeration System.
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**IC-83/129**
Integral Solutions of the Diophantine Equation 7Y exp 2 = X exp 3 + gamma 2sup(n), gamma = + -1, n > = 0.
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**IC-83/130**
Integral Solutions of the Diophantine Equation 7Y exp 2 = X exp 3 + gamma 3sup(n), gamma = + -1, n > = 0.
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**IC-83/131**
Status of the Rubakov-Callan Effect.
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**IC-83/132**
Lattice Fermions and Tomography.
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**IC-83/135**
Some Dual Relations in Twistor Theory.
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**IC-83/139**
Supersymmetry Breaking by Instanton Effects.
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**IC-83/140**
Supersymmetric Field Theories.
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**IC-83/142**
D + XDsub(S)(X) Construction from GCD-Domains.
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**IC-83/143**
Relation Between the Einstein and the Komar Expressions for the Energy of the Gravitational Field.
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**IC-83/144**
Symmetries of the Semiclassical Solutions of the Vacuum Tunneling Problem.
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**IC-83/145**
Two Bands Model for the High Temperature Conductivity of the Binary Rare Earth Alloys.
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**IC-83/147**
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**IC-83/148**
New Exact Path Integral Treatment of the Hydrogen Atom.
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**IC-83/149**
Exact Path Integral Solution of the Morse Potential.
DE85700009 **09**-*520,645* PC **A02**/MF **A01**

**IC-83/152**
Froehlich Decomposition and the Condensate Fraction in He II.
DE84702428 **01**-*502,643* PC **A02**/MF **A01**

**IC-83/155**
Quantization of O(N) Non-Linear sigma Models as the Stochastic Motion on Ssup(N-1).
DE84703185 **09**-*520,338* PC **A02**/MF **A01**

**IC-83/156**
Inseparability of Colours Through Dynamical Breaking of SUsub(C)(3).
DE84703225 **10**-*522,995* PC **A02**/MF **A01**

**IC-83/159**
Supergravity and Upper Bound on Scale of Supersymmetry Breaking.
DE84702417 **01**-*502,482* PC **A02**/MF **A01**

**IC-83/162**
Renormalization-Group Decimation Technique for Spectra, Wave-Functions and Density of States.
DE85700245 **16**-*536,875* PC **A02**/MF **A01**

**IC-83/163**
Dimensional Reduction of Exceptional E sub 6 , E sub 8 Gauge Groups and Flavour Chirality.
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**IC-83/165**
Nonlinear Variational Models for Reaction and Diffusion Systems.
DE85700010 **09**-*520,646* PC **A02**/MF **A01**

**IC-83/166**
Inverse Scattering Equations for the Non-Linear SO(1,2)/SO(1,1) sigma-Model in Two Dimension.
DE85700025 **09**-*520,492* PC **A02**/MF **A01**

**IC-83/167**
Thermodynamic Properties of Liquid Alkali Metals Using a Classical-Plasma Reference System.
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**IC-83/168**
Solitary Clusters Consisting of Magnons and Phonons.
DE85700215 **11**-*525,640* PC **A02**/MF **A01**

**IC-83/169**
Effect of Thermal Oscillations of Molecules on the Properties of Solitons in One-Dimensional Molecular Lattices.
DE85700207 **11**-*525,638* PC **A02**/MF **A01**

**IC-83/171**
Effective Hamiltonian for 2-Dimensional Arbitrary Spin Ising Model.
DE85700219 **11**-*525,644* PC **A02**/MF **A01**

**IC-83/172**
Projected Interaction Picture of Field Operators and Memory Superoperators. A Master Equation for the Single-Particle Green's Function in a Liouville Space.
DE85700189 **11**-*525,579* PC **A02**/MF **A01**

**IC-83/173**
New Prescription to Determine the Two-Roton Parameters in Liquid He II.
DE85700246 **11**-*525,650* PC **A02**/MF **A01**

**IC-83/174**
Liouville Surface and New Nonlinear Integrable Equations.
DE85700002 **09**-*519,477* PC **A02**/MF **A01**

**IC-83/175**
Hopping Absorption Edge in Silicon Inversion Layers.
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**IC-83/176**
Variable Scaling Method and Stark Effect in Hydrogen Atom.
DE85700208 **11**-*524,032* PC **A02**/MF **A01**

**IC-83/177**
Validity and Practical Applicability of Derivative Analyticity Relations.
DE85700079 **09**-*520,516* PC **A02**/MF **A01**

**IC-83/178**
Path Integral Representation of the Symmetric Rosen-Morse Potential.
DE85700011 **20**-*546,908* PC **A02**/MF **A01**

**IC-83/180**
Towards a Complete QFT Treatment of Monopole Induced Baryon Number Violating Transitions.
DE85700026 **09**-*520,493* PC **A03**/MF **A01**

**IC-83/181**
Charge Radii of sigma exp 0 and > exp 0.
DE85700075 **09**-*520,512* PC **A02**/MF **A01**

**IC-83/182**
Dependence of Capacitance of Metal-Molten Salt Interface on Local Density Profiles Near Electrode.
DE85700298 **17**-*537,661* PC **A02**/MF **A01**

**IC-83/183**
Spontaneously Broken Gauge Theories as Weakly Coupled Low Energy Effective Lagrangians for ASF Confining Preon Gauge Theories.
DE85700027 **09**-*520,494* PC **A03**/MF **A01**

**IC-83/184**
Stochastic Diffusion of Dust Grains by the Interplanetary Magnetic Field.
DE85700055 **09**-*518,406* PC **A02**/MF **A01**

**IC-83/185**
Inverse Scattering Approach to the Soliton Solutions of SO(2,1) Nonlinear sigma Model.
DE84703186 **09**-*520,339* PC **A02**/MF **A01**

**IC-83/186**
Oscillations of First Order Retarded and Advanced Functional Differential Equations.
DE85700003 **09**-*519,478* PC **A02**/MF **A01**

**IC-83/187**
Stochastic Quantization and Mean Field Approximation.
DE85700043 **09**-*520,659* PC **A02**/MF **A01**

**IC-83/189**
Seven-Spheres from Octonions.
DE85700017 **09**-*520,650* PC **A02**/MF **A01**

**IC-83/190**
Analysis of Green's Functions and Stability Problem in Models of Quantum Field Theory with Solitons.
DE84703187 **09**-*520,340* PC **A03**/MF **A01**

**IC-83/191**
Higher Order Lie-Baecklund Symmetries of Evolution Equations.
DE84703193 **09**-*520,630* PC **A02**/MF **A01**

**IC-83/192**
Renormalization Group Decimation Technique for Disordered Binary Harmonic Chains.
DE85700190 **10**-*523,111* PC **A02**/MF **A01**

**IC-83/193**
Study of the Errors in the Calculation of Extraterrestrial Radiation on Horizontal Surface (H Sub 0 ) and Recommended Days for the Calculation of H sub 0 -Bar.
DE85700053 **09**-*519,230* PC **A02**/MF **A01**

**IC-83/194**
Diffusion of Pollutants in the Atmospheric Ekman Boundary Layer.
DE85780099 **09**-*519,645* PC **A02**/MF **A01**

**IC-83/195**
Finite Groups with Four Independent Generators Three of Which Being of Odd Prime Order.
DE85700004 **09**-*519,479* PC **A02**/MF **A01**

**IC-83/196**
Some Cnoidal Wave Solutions of Some Non-Linear Equations in One and Two Dimension.
DE85700052 **11**-*525,548* PC **A02**/MF **A01**

**IC-83/197**
Properties of Nuclear Matter with an Excess of Neutrons, of Spin-Up Neutrons and of Spin-Up Protons Using the Skyrme Interaction.
DE85700076 **09**-*520,513* PC **A02**/MF **A01**

**IC-83/198**
Spin Saturation and Thermal Properties of Nuclear Matter.
DE85700077 **09**-*520,514* PC **A02**/MF **A01**

**IC-83/199**
Differential Equation for the Generalized Bell Function.
DE85700005 **09**-*519,480* PC **A02**/MF **A01**

**IC-83/201**
New Approach to Supersolitons of Supersymmetric Non-Linear Equations.
DE84703188 **20**-*546,907* PC **A02**/MF **A01**

**IC-83/202**
Nonoscillatory Behaviour Caused by Retarded and Advanced Arguments for Even-Order Functional Differential Inequalities and Equations.
DE85700006 **09**-*519,481* PC **A02**/MF **A01**

**IC-83/203**
Sup 6 Li Elastic Scattering.
DE85700080 **09**-*520,517* PC **A02**/MF **A01**

**IC-83/204**
Instantons and Condensates in Supersymmetric CPsup(N-1) Models.
DE84703189 **09**-*520,341* PC **A03**/MF **A01**

**IC-83/205**
Upper Bound on Entropy.
DE85700057 **09**-*518,425* PC **A02**/MF **A01**

**IC-83/206**
Radiative Dalitz Decays of Pseudoscalar Mesons.
DE84703224 **09**-*520,346* PC **A02**/MF **A01**

**IC-83/207**
Thermo Field Theory Versus Imaginary Time Formalism.
DE84703190 **10**-*523,069* PC **A02**/MF **A01**

**IC-83/208**
Kaluza Klein Cosmology.
DE85700060 **09**-*520,661* PC **A02**/MF **A01**

**IC-83/209**
Free Massless Fields with Low Spin Values on the Einstein Static Universe.
DE84703191 **10**-*523,070* PC **A02**/MF **A01**

**IC-83/210**
Kaluza-Klein Supergravity in Ten Dimensions.
DE85700018 **09**-*520,651* PC **A03**/MF **A01**

**IC-83/211**
Equivalence Between the Discrete Gaussian Model and a Generalized Sine Gordon Theory on a Lattice.
DE85700044 **09**-*520,660* PC **A02**/MF **A01**

**IC-83/212**
Susceptibility of a Heisenberg Antiferromagnet.
DE85700045 **09**-*520,744* PC **A02**/MF **A01**

**IC-83/213**
Solar Irradiation over Zambia.
DE85700054 **09**-*519,231* PC **A03**/MF **A01**

**IC-83/214**
Symmetry Properties and Dynamics in the Gauge Theories with Scalar Fields.
DE85700028 **09**-*520,495* PC **A03**/MF **A01**

**IC-83/215**
Basic Extended X-Ray Absorption Fine Structure Formula with Spin Correlations.
DE85700209 **11**-*525,580* PC **A02**/MF **A01**

**IC-83/216**
Structure Factor of Liquid Alkali Metals Using a Classical-Plasma Reference System.
DE85700288 **17**-*537,657* PC **A03**/MF **A01**

**IC-83/217**
Structure of the Ksub(0.8)-(KC1)sub(0.2) Liquid Mixture.
DE85700295 **17**-*537,660* PC **A02**/MF **A01**

**IC-83/218**
Pseudoparticle Solutions in the Poincare Gauge Theory of Gravity.
DE85700195 **10**-*523,074* PC **A03**/MF **A01**

**IC-83/220**
Spectrum of the Eleven Dimensional Supergravity Compactified on the Round Seven Sphere.
DE85700196 **10**-*523,075* PC **A02**/MF **A01**

**IC-83/222**
Ground State Binding Energies of lambda Particle in Hypernuclei.
DE85780100 **09**-*520,575* PC **A02**/MF **A01**

**IC-83/224**
Recent Single Tag Two Photon Experiments at PETRA and the Issue of Quark Charges.
DE85700248 **12**-*528,020* PC **A02**/MF **A01**

**IC-83/225**
QFT Of Monopole Induced Baryon Number Violating Processes Including Non-Abelian Forces.
DE85700199 **10**-*523,018* PC **A02**/MF **A01**

**IC-83/226**
Stability of Instanton Induced Compactification in 8-Dimensions.
DE85700200 **10**-*523,077* PC **A03**/MF **A01**

**IC-83/227**
Quantum Mechanics of the Robertson-Walker Geometry.
DE85700197 **10**-*521,014* PC **A02**/MF **A01**

**IC-83/228**
Parity Violating Asymmetry in High Energy Proton-Nucleon Scattering.
DE85700082 **09**-*520,518* PC **A02**/MF **A01**

**IC-83/230**
Super-Symmetrical Preon Model with SU(2)sub(L)XSU(2)sub(R)XU(1)sub(B-L) Symmetry Broken by Coupling to Supergravity.
DE84703228 **10**-*522,996* PC **A02**/MF **A01**

**IC-83/232**
Note on Macroscopic Quantum Tunnelling with Dissipation.
DE85700191 **10**-*523,112* PC **A02**/MF **A01**

**IC-83/233**
Finite Difference Evolution Equations and Quantum Dynamical Semigroups.
DE85700192 **10**-*523,071* PC **A02**/MF **A01**

**IC-83/234**
Random Model of Two-Level Atoms Interacting with Electromagnetic Field.
DE85700210 **16**-*536,802* PC **A02**/MF **A01**

**IC-83/235**
Dynamics of the Dicke Model and Superradiant State.
DE85700211 **11**-*524,033* PC **A02**/MF **A01**

**IC-83/236**
Path Integrals over SU(2) Manifold and Related Potentials.
DE85700193 **10**-*523,072* PC **A02**/MF **A01**

**IC-83/237**
Effect of Uniaxial Stress on the Acceptor Ground State and on the Hopping Conduction in p-Type Germanium and Silicon.
DE85700216 **11**-*525,641* PC **A04**/MF **A01**

**IC-83/238**
Effective Action Functional for the Inflationary Cosmology.
DE85700241 **11**-*523,329* PC **A02**/MF **A01**

**IC-84/1**
QCD Sum Rules, the Spontaneous Breakdown of Chiral Symmetry and Short Distance Behaviour in Lattice Gauge Theories.
DE85700099 **09**-*520,668* PC **A02**/MF **A01**

**IC-84/2**
Ksub(L) Yields gamma gamma in Supersymmetric Gauge Theory.
DE85701181 **20**-*546,735* PC **A02**/MF **A01**

**IC-84/4**
Coleman Weinberg Model in Einstein Spacetime.
DE85700102 **09**-*520,669* PC **A02**/MF **A01**

**IC-84/5**
Moessbauer Experiment to Observe Significance of Vector Potentials in Quantum Theory.
DE85700094 **09**-*520,663* PC **A02**/MF **A01**

**IC-84/6**
Model for Diffuse and Global Irradiation on Horizontal Surface.
DE85780540 **15**-*533,912* PC **A03**/MF **A01**

**IC-84/7**
Table for Monthly Average Daily Extraterrestrial Irradiation on Horizontal Surface and the Maximum Possible Sunshine Duration.
DE85780541 **15**-*533,913* PC **A02**/MF **A01**

**IC-84/8**
Some Characteristics of Global Solar Irradiation and Sunshine at Trieste.
DE85780542 **15**-*533,914* PC **A02**/MF **A01**

**IC-84/9**
Comparison of Techniques for the Estimation of Daily Global Irradiation and a New Technique for the Estimation of Hourly Global Irradiation.
DE85780543 **15**-*533,915* PC **A03**/MF **A01**

**IC-84/10**
Structure and Thermodynamic Properties of Molten Rubidium Chloride.
DE85780153 **11**-*524,038* PC **A02**/MF **A01**

**IC-84/11**
Non-Linear sigma Model and Zero Mass Bound States of QCD sub 2.
DE85700100 **09**-*520,528* PC **A02**/MF **A01**

**IC-84/12**
Neutral Current Interactions Beyond the Standard SU(2)sub(L)XU(1) Model.
DE85700132 **09**-*520,532* PC **A03**/MF **A01**

**IC-84/13**
Rigorous Treatment of the Non-Ohmic D.C. Conductivity Due to Phonon-Assisted Tunneling from Localized to Extended States.
DE85700296 **17**-*539,481* PC **A02**/MF **A01**

**IC-84/14**
Nonmetal-Metal Transition in Molten Potassium-Potassium Halide Solutions.
DE85780154 **11**-*524,039* PC **A02**/MF **A01**

**IC-84/15**
SU(3)XSU(2)XU(1) Invariant Compactifying Solutions to 11-Dimensional Supergravity.
DE85700095 **09**-*520,664* PC **A02**/MF **A01**

**IC-84/16**
Electron Scattering from sup 6 Li and sup 9 Be.
DE85700137 **09**-*520,537* PC **A02**/MF **A01**

**IC-84/17**
Effect of the Mass of Odd-Even Nuclei on the Quadrupole Moments.
DE85700135 **09**-*520,535* PC **A02**/MF **A01**

**IC-84/18**
Inelastic Electron Scattering Form Factors Involving the Second Excited 2 exp + Levels in the Nuclei sup 48 Ti and sup 50 Cr.
DE85700138 **10**-*523,012* PC **A02**/MF **A01**

**IC-84/19**
Bound Levels in sup 29 P Populated in the sup 28 Si( sup 3 He,d) Reaction.
DE85700576 **18**-*541,794* PC **A02**/MF **A01**

**IC-84/20**
Transformation Law for Response Fluxes within the Collision Probability Method.
DE85701285 **23**-*554,072* PC **A02**/MF **A01**

**IC-84/21**
Towards a Self-Consistent Computation of Vacuum Energy in 11-Dimensional Supergravity.
DE85700096 **09**-*520,665* PC **A02**/MF **A01**

**IC-84/22**
Deep Impurity States in Hgsub(1-X)Cdsub(X)Te.
DE85700289 **17**-*539,479* PC **A02**/MF **A01**

**IC-84/23**
Deep Defect Levels in the Wurtzite Semiconductors: SiC, ZnS, ZnSe and ZnTe.
DE85700297 **17**-*539,482* PC **A02**/MF **A01**

**IC-84/24**
Empirical Tight-Binding Band Structure of Wurtzite Semiconductors: SiC, ZnSe and ZnTe.
DE85700217 **11**-*525,642* PC **A02**/MF **A01**

**IC-84/25**
Localized Orbital Description of Si, Ge and GaAs.
DE85700218 **11**-*525,643* PC **A02**/MF **A01**

**IC-84/26**
Gauge Theories in External Electromagnetic Fields: The Standard SU(2)XU(1) Model.
DE85700101 **09**-*520,529* PC **A03**/MF **A01**

**IC-84/28**
Pair Potentials and Structure Factors of Liquid Alkali Metals.
DE85700290 **17**-*537,658* PC **A02**/MF **A01**

**IC-84/29**
Classification of Finite Groups with Four Generators, Three of Which Having Orders p,p,Q (P < Q). I.
DE85700092 **09**-*519,482* PC **A02**/MF **A01**

**IC-84/30**
Classification of Finite Groups with Four Generators, Three of Which Having Prime Orders p,Q,Q (P < Q). II.
DE85700093 **09**-*519,483* PC **A02**/MF **A01**

**IC-84/31**
Structure and Thermodynamic Properties of Molten Alkali Chlorides.
DE85700583 **19**-*542,805* PC **A02**/MF **A01**

**IC-84/33**
Techniques for the Estimation of Global Irradiation from Sunshine Duration and Global Irradiation Estimation for Italian Locations.
DE85701229 **23**-*552,988* PC **A03**/MF **A01**

**IC-84/34**
Parity Violation in alpha Decay.
DE85700549 **18**-*541,768* PC **A03**/MF **A01**

**IC-84/35**
Static and Dynamic 3 Dimensional Studies of Water in Soil Using Computed Tomographic Scanning.
DE85700592 **19**-*542,975* PC **A02**/MF **A01**

**IC-84/36**
Effective Gauge Theories of Composite W, Z and Massless Fermions.
DE85700529 **16**-*536,822* PC **A04**/MF **A01**

**IC-84/37**
Supersymmetric Four-Fermion Interactions.
DE85700473 **16**-*536,896* PC **A02**/MF **A01**

**IC-84/39**
Generalized Conserved Traces Theorem for Any Classical System.
DE85701129 **20**-*546,924* PC **A02**/MF **A01**

**IC-84/40**
Note on the Meaning of Covariant Derivatives in Supersymmetry.
DE85701151 **20**-*546,945* PC **A02**/MF **A01**

**IC-84/41**
Band Crossings in Mercury Nuclei: Effect of Occupation of I13/2 Neutron Orbits.
DE85700550 **18**-*541,769* PC **A02**/MF **A01**

**IC-84/42**
Colour and Higgs Charges in G/H Kaluza-Klein Theory.
DE85701144 **20**-*546,939* PC **A03**/MF **A01**

**IC-84/43**
Unconstrained N = 2 Matter, Yang-Mills and Supergravity Theories in Harmonic Superspace.
DE85701145 **20**-*546,940* PC **A04**/MF **A01**

**IC-84/44**
Sets of Recurrent Points of Continuous Maps of the Interval.
DE85701127 **20**-*545,564* PC **A02**/MF **A01**

**IC-84/45**
Effective Interactions in p-Shell Nuclei and the Realistic Interactions - I.
DE85700551 **18**-*541,770* PC **A02**/MF **A01**

**IC-84/46**
Standard Model Electro-Weak Radiative Corrections to Longitudinal Polarization Asymmetry Asub(Pol) and Forward-Backward Asymmetry Asub(FB) in E exp + E exp - Yields mu exp + mu exp - on and off the Zsup(O) Resonance.
DE85701182 **20**-*546,736* PC **A02**/MF **A01**

**IC-84/47**
Isometry Group and Killing Spinors for the pp Wave Space Time in D = 11 Supergravity.
DE85701134 **20**-*546,929* PC **A02**/MF **A01**

**IC-84/48**
Operator Ordering in Quantum Mechanics and Quantum Gravity.
DE85701135 **20**-*546,930* PC **A02**/MF **A01**

**IC-84/49**
Traversal Time for Tunnelling.
DE85701130 **20**-*546,925* PC **A02**/MF **A01**

**IC-84/50**
Matter and Gauge Couplings of N = 2 Supergravity in Six Dimensions.
DE85701136 **20**-*546,931* PC **A02**/MF **A01**

**IC-84/51**
Conformation and Binding of Alkaline-Earth Dihalide Molecules in an Ionic Model.
DE85701154 **20**-*544,975* PC **A02**/MF **A01**

**IC-84/52**
Towers and Ladders: Infinite Parameter Symmetries in Kaluza-Klein Theories.
DE85701137 **20**-*546,932* PC **A02**/MF **A01**

**IC-84/53**
New Supersymmetric Extension of Poincare Algebra.
DE85701152 **20**-*545,565* PC **A02**/MF **A01**

**IC-84/54**
Stability of Mass Hierarchy in Locally Supersymmetric Grand Unification.
DE85701146 **20**-*546,941* PC **A02**/MF **A01**

**IC-84/55**
New Expressions for the Eigenvalues of the Invariant Operators of the General Linear and the Orthosymplectic Lie Superalgebras.
DE85701153 **20**-*545,566* PC **A02**/MF **A01**

**IC-84/56**
Simple Formula for the Fundamental Optical Absorption of Alkali Halide Melts.
DE85700584 **19**-*542,806* PC **A02**/MF **A01**

**IC-84/57**
Chiral Compactification on Minkowski X S exp 2 of N = 2 Einstein-Maxwell Supergravity in Six Dimensions.
DE85701138 **20**-*546,933* PC **A02**/MF **A01**

**IC-84/58**
Composite Model of Electroweak Interactions and Its Manifestation at Current Collider Energies.
DE85700530 **16**-*536,823* PC **A03**/MF **A01**

**IC-84/59**
Channelling Radiation and Applications to Defects in Solids.
DE85700510 **16**-*536,728* PC **A02**/MF **A01**

**IC-84/60**
New Selection Rules for the SU(5) Monopole Catalyzed Proton Decay Reactions.
DE85700531 **16**-*536,824* PC **A02**/MF **A01**

**IC-84/61**
Surface States in In-ZnTe Structures.
DE85700589 **18**-*541,886* PC **A02**/MF **A01**

**IC-84/63**
Image Force on the Dislocation Near a Finite Length Crack Tip.
DE85701165 **20**-*546,993* PC **A02**/MF **A01**

**IC-84/65**
Spectrum of D = 11 Supergravity Via Harmonic Expansions S sup 4 XS sup 7.
DE85701139 **20**-*546,934* PC **A04**/MF **A01**

**IC-84/66**
Gravitational Analogue of the Witten Effect.
DE85701147 **20**-*546,733* PC **A02**/MF **A01**

**IC-84/67**
Non-Minimal N = 1 Supergravity and Broken Global Supersymmetry.
DE85701140 **20**-*546,935* PC **A02**/MF **A01**

**IC-84/68**
Interaction of a Dislocation with a Crack.
DE85701166 **20**-*546,994* PC **A02**/MF **A01**

**IC-84/69**
Effective Interionic Pair Potentials in Liquid Alkali Metals.
DE85701201 **21**-*547,768* PC **A02**/MF **A01**

**IC-84/70**
Effective Lagrangians for SUSY QCD with Properties Seen in Perturbation Theory.
DE85701148 **20**-*546,942* PC **A02**/MF **A01**

**IC-84/72**
Geometrical Scaling in High Energy Hadron Collisions.
DE85700520 **16**-*536,813* PC **A02**/MF **A01**

**IC-84/73**
Group-Theoretic Approach to the Potential -( Alpha /R) + Kr in the Relativistic Case.
DE85701131 **20**-*546,926* PC **A02**/MF **A01**

**IC-84/74**
Effective Mass Theory for Shallow Donors in Many Valley Semiconductors.
DE85700493 **16**-*536,938* PC **A02**/MF **A01**

**IC-84/75**
Matter-Antimatter Oscillations and Proton Decay in E sub 6.
DE85700532 **16**-*536,825* PC **A02**/MF **A01**

**IC-84/76**
Surface Polariton Propagation Along an Interface Between Two Metallized Surfaces.
DE85700494 **16**-*536,939* PC **A02**/MF **A01**

**IC-84/78**
Vacuum Tension Effects on the Evolution of Domain Walls in the Early Universe.
DE85701179 **20**-*544,565* PC **A02**/MF **A01**

**IC-84/79**
S-Wave SU(5) Monopole-Fermion System Reduces to a Coupled Set of Exactly Solvable QFTs.
DE85700474 **16**-*536,897* PC **A02**/MF **A01**

**IC-84/80**
Mirror Fermions and Cosmology.
DE85701149 **20**-*546,943* PC **A02**/MF **A01**

**IC-84/81**
Electrical Resistivity of Amorphous Fesub(1-X) Bsub(X) Alloys.
DE85700590 **18**-*541,887* PC **A02**/MF **A01**

**IC-84/82**
Note on D-Dimensional Ising Model, S = 1/2, with Field.
DE85700498 **16**-*536,941* PC **A02**/MF **A01**

**IC-84/83**
Overblocking Effect for 2-Spin Interactions in Some 3-Dimensional Structure.
DE85700499 **16**-*536,725* PC **A02**/MF **A01**

**IC-84/84**
Density Functional Theory.
DE85701132 **20**-*546,927* PC **A02**/MF **A01**

**IC-84/85**
Cc-Bar and BB-Bar Spectroscopy in the Two-Step Potential Model.
DE85700533 **16**-*536,826* PC **A02**/MF **A01**

**IC-84/86**
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**IFSR-156**
Algebraic Decay in Self-Similar Markov Chains.
DE85003162 **08**-*518,044* PC **A03**/MF **A01**

**IFSR-158**
Enhancement of Tokamak Ion Transport Due to Electron Collisions.
DE85002174 **06**-*514,211* PC **A03**/MF **A01**

**IFSR-160**
Dissipative Trapped Particle Modes in Tandem Mirrors.
DE85005555 **11**-*525,543* PC **A04**/MF **A01**

**IFSR-162**
Fast alpha Particle Distribution Function in an Open Field-Line Plasma with Electrostatic Confining Potential.
DE85005554 **11**-*525,542* PC **A02**/MF **A01**

**IFSR-163**
Equilibrium Current-Driven Tearing Mode in the Hydrodynamic Regime.
DE85006783 **13**-*530,475* PC **A03**/MF **A01**

**IFSR-164**
Stroll Through the Soliton Theory.
DE85007110 **13**-*530,483* PC **A05**/MF **A01**

**IFSR-165**
Four-Field Model for Tokamak Plasma Dynamics.
DE85007111 **13**-*530,484* PC **A04**/MF **A01**

**IFSR-167**
Finite Orbit Analysis for Long Wavelength Modes in a Plasma with a Hot Component.
DE85006896 **13**-*530,479* PC **A03**/MF **A01**

**IFSR-168**
Covariant Poisson Brackets for Classical Fields.
DE85010085 **16**-*536,865* PC **A03**/MF **A01**

**IFSR-169**
Collisional Transport for a Superthermal Ion Species in a Plasma.
DE85011943 **20**-*546,866* PC **A03**/MF **A01**

**IFSR-170**
Two-Point Theory of Current-Driven Ion-Cyclotron Turbulence.
DE85010114 **17**-*539,426* PC **A04**/MF **A01**

**IFSR-171**
Generalized Reduced Fluid Model with Finite Ion-Gyroradius Effects.
DE85013123 **22**-*551,671* PC **A03**/MF **A01**

**IFSR-172**
Compressibility Effects on Ideal and Kinetic Ballooning Modes and Elimination of Finite Larmor Radius Stabilization.
DE85017162 **26**-*561,888* PC **A04**/MF **A01**

**IFSR-173**
Electromagnetic Solitary Waves in Magnetized Plasmas.
DE85010084 **17**-*539,425* PC **A02**/MF **A01**

**IFSR-175**
Variational Quadratic Form for Low Frequency Electromagnetic Perturbations; (I) Formalism.
DE85014896 **24**-*556,918* PC **A03**/MF **A01**

**IFSR-177**
Local Conservation Laws for the Maxwell-Vlasov and Collisionless Kinetic Guiding Center Theories.
DE85013122 **22**-*551,670* PC **A02**/MF **A01**

**IFSR-179**
Scale Separation Closure and Alfven Wave Turbulence.
DE85013124 **22**-*551,672* PC **A02**/MF **A01**

**IFSR-185**
Alfven Continuum with Toroidicity.
DE85015821 **25**-*559,684* PC **A03**/MF **A01**

**IFSR-186**
Explosive Coalescence of Magnetic Islands.
DE85015083 **24**-*556,261* PC **A02**/MF **A01**

**IFSR-187**
Current Interruption by Density Depression.
DE85013120 **21**-*549,128* PC **A02**/MF **A01**

**IFSR-188**
Ambipolarons: Solitary Wave Solutions for the Radial Electric Field in a Plasma.
DE85014764 **24**-*556,913* PC **A02**/MF **A01**

**IFSR-189**
Transport Near the Onset of Stochasticity.
DE85014765 **24**-*556,914* PC **A03**/MF **A01**

**IFSR-190**
High Energy Plasma Accelerators.
DE85013121 **21**-*549,129* PC **A07**/MF **A01**

**IFSR-193**
Solitary Vortices in a Rotating Plasma.
DE85014766 **24**-*556,915* PC **A03**/MF **A01**

**IFSR-194**
Plasma Kinetic Theory in Action-Angle Variables.
DE85014767 **24**-*556,916* PC **A02**/MF **A01**

**IFSR-196**
Energy Confinement in a High-Current Reversed Field Pinch.
DE85015009 **25**-*559,679* PC **A02**/MF **A01**

**IFSR-197**
Explosive Coalescence of Magnetic Islands and Explosive Particle Acceleration.
DE85015822 **25**-*558,915* PC **A05**/MF **A01**

**IFT-M-01/82**
Differential Formalism Aspects of the Gauge Classical Theories.
DE85700475 **16**-*536,898* PC **A06**/MF **A01**

**IFT-P-01/83**
Zeroes of Infinite Series.
DE85701116 **22**-*550,525* PC **A02**/MF **A01**

**IFT-P-01/84**
Relativistic Quark Model.
DE85701009 **22**-*551,581* PC **A02**/MF **A01**

**IFT-P-02/84**
Determination of Resonance Energies and Widths for Short-Range Potentials.
DE85700971 **22**-*551,712* PC **A03**/MF **A01**

**IFT-P-03/83**
Compactification of Friedmann's Hyperbolic Model.
DE85701000 **22**-*549,380* PC **A02**/MF **A01**

**IFT-P-04/84**
Behaviour of the Gravitational Field around the Initial Singularity.
DE85700979 **22**-*551,720* PC **A03**/MF **A01**

**IFT-P-05/84**
Lattice Supersymmetry for N = 4 Yang-Mills Model.
DE85701695 **25**-*559,726* PC **A02**/MF **A01**

**IFT-P-06/83**
Magnetic Transition in the Jellium Model.
DE85700987 **22**-*551,783* PC **A02**/MF **A01**

**IFT-P-07/83**
New Algebraic Tables of SU(2) Quantities.
DE85701117 **22**-*551,726* PC **A02**/MF **A01**

**IFT-P-08/82**
Instanton Contributions to the Valence Band of the Double Sine-Gordon Potential.
DE84701082 **03**-*507,755* PC **A02**/MF **A01**

**IFT-P-08/83**
Quantization in a Spherical Geometry.
DE85700972 **22**-*551,713* PC **A03**/MF **A01**

**IFT-P-08/84**
Fractionization of the Witten Index in Some Soluble Models.
DE85701697 **25**-*559,727* PC **A02**/MF **A01**

**IFT-P-09/84**
2-D N = 1 and 4-D N = 2 Yang-Mills SUSY Models on the Lattice.
DE85701698 **25**-*559,728* PC **A03**/MF **A01**

**IFT-P-10/83**
P And T Violations in QED.
DE85700984 **22**-*551,725* PC **A03**/MF **A01**

**IFT-P-11/83**
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DE85700973 **22**-*551,714* PC **A03**/MF **A01**

**IFT-P-11/84**
Crystalline and Amorphous Solid Phases in the Classical Hard Sphere System.
DE85701709 **25**-*559,806* PC **A02**/MF **A01**

**IFT-P-12/82**
Vacuum Decay in a Soluble Model.
DE85700478 **16**-*536,899* PC **A03**/MF **A01**

**IFT-P-16/80**
Dirac Groups of Rank N.
DE81700394 **20**-*546,905* PC **A03**/MF **A01**

**IFT-P-16/82**
Some New Contributions to Neutrinoless Double beta - Decay in an SU(2) X U(1) Model.
DE85700517 **16**-*536,810* PC **A02**/MF **A01**

**IFT-T-02/80**
Confined Double Harmonic Oscillator.
DE81700395 **20**-*546,906* PC **A05**/MF **A01**

**IFT-T-06/80**
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DE81700403 **20**-*546,974* PC **A07**/MF **A01**

**IFT-7/84**
Center of Mass Motion in the Bag Model and Roper Resonance.
DE85900968 **21**-*549,116* PC **A02**/MF **A01**

**IFT-8/84**
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DE85900967 **20**-*546,837* PC **A02**/MF **A01**

**IFTAR-FT-208-1982**
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DE85700154 **11**-*525,561* PC **A02**/MF **A01**

**IFTAR-LOP-28-1982**
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DE84702764 **09**-*518,866* PC **A02**/MF **A01**

**IFTAR-LOP-31-1982**
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**IFTAR-LOP-34-1982**
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**IFTAR-LOP-43-1984**
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**IFUSP-P-318**
Non-Linear sigma Model with Supergravity.
DE84701003 **03**-*507,418* PC **A03**/MF **A01**

**IFUSP-P-335**
Nested-Doorway Model of Multistep Compound Processes.
DE85700556 **20**-*546,661* PC **A03**/MF **A01**

**IFUSP-P-336**
Instanton Contributions to the Valence Band of the Double Sine-Gordon Potential.
DE84701082 **03**-*507,755* PC **A02**/MF **A01**

**IFUSP-P-340**
Geometry as an Aspect of Dynamics.
DE85700463 **16**-*536,887* PC **A02**/MF **A01**

**IFUSP-P-344**
Solitons as Newtonian Particles.
DE84701006 **03**-*507,680* PC **A03**/MF **A01**

**IFUSP-P-347**
Evidence for M1 Strength in sup 197 Au.
DE85700578 **18**-*541,796* PC **A02**/MF **A01**

**IFUSP-P-349**
Non Linear sigma Model, Supergravity and the Spinning String.
DE85700476 **16**-*536,806* PC **A03**/MF **A01**

**IFUSP-P-352**
Yrast and High Spin States in sup 22 Ne.
DE85700577 **18**-*541,795* PC **A04**/MF **A01**

**IFUSP-P-354**
Upper Limit of Peak Area.
DE85700572 **18**-*541,790* PC **A02**/MF **A01**

**IFUSP-P-357**
Generalized Langevin Equation for the Extended Charge in Stochastic Electrodynamics.
DE85700450 **16**-*536,877* PC **A03**/MF **A01**

**IFUSP-P-358**
Introduction to the Critical and Multicritical Phenomena.
DE85700501 **16**-*536,727* PC **A04**/MF **A01**

**IFUSP-P-359**
Discrete Group Invariant Factorizable S-Matrices.
DE85700451 **16**-*536,201* PC **A02**/MF **A01**

**IFUSP-P-362**
Measurement of the Electron Density in a Tokamak by Faraday Rotation.
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**IFUSP-P-371**
Some New Contributions to Neutrinoless Double beta - Decay in an SU(2) X U(1) Model.
DE85700517 **16**-*536,810* PC **A02**/MF **A01**

**IFUSP-P-380**
Derivation of a Pion-rho Exchange Three-Body Force and Application to the Trinucleon System.
DE85700522 **16**-*536,815* PC **A03**/MF **A01**

**IFUSP-P-382**
Hydrodynamic Models for the Giant Dipole Resonance.
DE85700552 **18**-*541,771* PC **A02**/MF **A01**

**IFUSP-P-383**
Errors in Experiments with Small Number of Events.
DE85700612 **18**-*540,912* PC **A02**/MF **A01**

**IFUSP-P-384**
X-Versus Y-Scaling in Non-Relativistic Deep Inelastic Scattering.
DE85700534 **16**-*536,827* PC **A03**/MF **A01**

**IFUSP-P-385**
Finite Proton-Neutron Mass Difference.
DE85700477 **20**-*546,660* PC **A02**/MF **A01**

**IFUSP-P-386**
Vacuum Decay in a Soluble Model.
DE85700478 **16**-*536,899* PC **A03**/MF **A01**

**IFUSP-P-387**
Precise Determination of Photopeak Width.
DE85700546 **16**-*536,567* PC **A02**/MF **A01**

**IFUSP-P-388**
Phase Transition in an Abelian Gauge Theory at Finite Temperature.
DE85700482 **16**-*536,903* PC **A03**/MF **A01**

**IFUSP-P-391**
K-Harmonics Methods and the Bound-State Spectrum of One-Dimensional Three-Body System.
DE85700452 **16**-*536,878* PC **A02**/MF **A01**

**IFUSP-P-392**
Statistical Features of Pre-Compound Processes in Nuclear Reactions.
DE85700557 **18**-*541,775* PC **A03**/MF **A01**

**IFUSP-P-394**
Analysis of Stripping to Isolated Analog Resonances.
DE85700558 **18**-*541,776* PC **A02**/MF **A01**

**IFUSP-P-395**
General Statistics and Second Quantization.
DE85700453 **16**-*536,879* PC **A03**/MF **A01**

**IFUSP-P-397**
Correlation Between < P sub(Perpendicular) > and the Central Multiplicity in Hydrodynamical Model.
DE85700535 **16**-*536,828* PC **A02**/MF **A01**

**IFUSP-P-398**
Role of the L= 1 Baryon Excitation in the Giant Electric Dipole Resonances.
DE85700553 **18**-*541,772* PC **A02**/MF **A01**

**IFUSP-P-399**
Existence of Bound States of N-Particle Systems in One- and Two-Dimensions.
DE85700454 **16**-*536,880* PC **A02**/MF **A01**

**IFUSP-P-400**
Decay Properties of Overlapping Nuclear Resonances.
DE85700559 **18**-*541,777* PC **A02**/MF **A01**

**IFUSP-P-401**
Statistical Aspects of Multistep Processes in Nuclear Reactions.
DE85700560 **18**-*541,778* PC **A02**/MF **A01**

**IFUSP-P-402**
Nonrelativistic Exact U(1) Symmetric S Matrix, and the Nonlinear Schroedinger Equation.
DE85700483 **16**-*536,904* PC **A02**/MF **A01**

**IFUSP-P-403**
Coulomb Excitation of sup 189 Os.
DE85700561 **18**-*541,779* PC **A02**/MF **A01**

**IFUSP-P-405**
Is Quark-Antiquark Annihilation Infrared Safe at High Energy.
DE85700536 **16**-*536,829* PC **A03**/MF **A01**

**IFUSP-P-406**
Particle-Hole Random-Phase-Approximation with Good Isospin.
DE85700554 **18**-*541,773* PC **A02**/MF **A01**

**IFUSP-P-408**
Average Angular Distribution of Emitted Particles in Multi-Step Compound Processes.
DE85700562 **18**-*541,780* PC **A02**/MF **A01**

**IFUSP-P-409**
Stopping of Silver Ions in Solids.
DE85700502 **16**-*536,808* PC **A02**/MF **A01**

**IFUSP-P-415**
Do Quarks Obey General Statistics.
DE85700537 **16**-*536,830* PC **A02**/MF **A01**

**IFUSP-P-416**
Trace Elements in the Urban Aerosol of Sao Paulo.
DE85700594 **18**-*540,340* PC **A02**/MF **A01**

**IFUSP-P-417**
Sao Paulo - PIXE System and Its Use on a National Monitoring Air Quality Program.
DE85700595 **18**-*540,341* PC **A02**/MF **A01**

**IFUSP-P-419**
Sup 130 Te (p,p') Reaction on Analog Resonances.
DE85700563 **18**-*541,781* PC **A03**/MF **A01**

**IFUSP-P-420**
Sup 144 Sm (P,p') Scattering Through Isobaric Analog Resonances and the Structure of sup 145 Sm.
DE85700564 **18**-*541,782* PC **A04**/MF **A01**

**IFUSP-P-421**
General Statistics, Second Quantization and Quarks.
DE85700455 **16**-*536,881* PC **A03**/MF **A01**

**IFUSP-P-422**
Probing the Interior Region of the Heavy Ion Interaction Through Alphas.
DE85700565 **18**-*541,783* PC **A02**/MF **A01**

**IFUSP-P-423**
Coincident-Inclusive Electrofission Angular Correlations.
DE85700573 **18**-*541,791* PC **A03**/MF **A01**

**IFUSP-P-424**
Action-Angle Variables for the Harmonic Oscillator : Ambiguity Spin X Duplication Spin.
DE85700456 **16**-*536,882* PC **A02**/MF **A01**

**IFUSP-P-425**
Elementary Particle Physics, Phase Transitions and Cosmology.
DE85700464 **16**-*536,888* PC **A03**/MF **A01**

**IFUSP-P-426**
Hyperfine Field at Ge in Fe.
DE85700503 **16**-*536,942* PC **A02**/MF **A01**

**IFUSP-P-427**
How Universal Is the Period Doubling Phenomenon in Equations with Quadratic Nonlinearity.
DE85700457 **16**-*536,202* PC **A02**/MF **A01**

**IFUSP-P-428**
Channel Non-Orthogonality Effects on the Heavy-Ion Transfer Polarization Potential.
DE85700566 **18**-*541,784* PC **A02**/MF **A01**

**IFUSP-P-429**
Optical Absorption and Electron Spin Resonance in Natural, Irradiated and Heated Spodumene.
DE85700504 **16**-*536,776* PC **A03**/MF **A01**

**IFUSP-P-430**
Some Features of Cp Sup(n-1) Models with Fermions.
DE85700479 **16**-*536,900* PC **A02**/MF **A01**

**IFUSP-P-431**
Some General Properties of the Point Spectrum of Three Particles Moving in One-Dimension.
DE85700458 **16**-*536,883* PC **A02**/MF **A01**

**IFUSP-P-432**
Sufficient Conditions for the Existence of a Bound State in the N-Body Problem.
DE85700459 **16**-*536,884* PC **A02**/MF **A01**

**IFUSP-P-433**
Photoneutron Cross Sections Measured by Saclay and Livermore.
DE85700567 **18**-*541,785* PC **A02**/MF **A01**

**IFUSP-P-434**
Note on a Version of the sigma Non-Linear Model in 3 + 1 Dimensions.
DE85700538 **16**-*536,831* PC **A02**/MF **A01**

**IFUSP-P-435**
Forward Glory Effects in the Elastic Scattering of sup 12 C + sup 12 C.
DE85700568 **18**-*541,786* PC **A02**/MF **A01**

**IFUSP-P-436**
Optical Absorption in Irradiated Natural Beryl.
DE85700505 **16**-*536,777* PC **A02**/MF **A01**

**IFUSP-P-437**
Comparative Study of Five Varieties of Spodumene Through Optical Absorption.
DE85700506 **16**-*536,778* PC **A03**/MF **A01**

**IFUSP-P-438**
Splitting of Isoscalar Giant Resonances in Actinide Nuclei.
DE85700569 **18**-*541,787* PC **A02**/MF **A01**

**IFUSP-P-439**
Energy Independent Optical Potentials: Construction and Limitations.
DE85700460 **16**-*536,804* PC **A03**/MF **A01**

**IFUSP-P-440**
Photofission of sup 232 Th.
DE85700574 **18**-*541,792* PC **A02**/MF **A01**

**IFUSP-P-441**
Hyperfine Field at Na in Fe.
DE85700507 **16**-*536,943* PC **A02**/MF **A01**

**IFUSP-P-442**
Small Effects in sub-Barrier Heavy-Ion Elastic Scattering.
DE85700570 **18**-*541,788* PC **A03**/MF **A01**

**IFUSP-P-443**
Nuclear Structure Effects in Heavy-Ion Elastic Scattering.
DE85700571 **18**-*541,789* PC **A03**/MF **A01**

**IFUSP-P-444**
Dynamical Mass Generation for the Gravitino in Simple N = 1 Supergravity.
DE85700480 **16**-*536,901* PC **A02**/MF **A01**

**IFUSP-P-445**
Lower Bound for the Energy of the Ground State of Bosons Moving in One Dimension.
DE85700461 **16**-*536,885* PC **A02**/MF **A01**

**IFUSP-P-446**
Correlation Between Charged-Particle Multiplicities and Pseudo-Rapidity Distributions in Hydrodynamical Cluster Model.
DE85700539 **16**-*536,832* PC **A02**/MF **A01**

**IFUSP-P-449**
Lower Temperature Phase of a Nematic Lyomesophase System.
DE85700508 **16**-*535,859* PC **A02**/MF **A01**

**IFUSP-P-450-REV.**
Geometry as an Aspect of Dynamics.
DE85700800 **20**-*546,922* PC **A02**/MF **A01**

**IFVE-OEA-OKU-83-183**
Manual Timer.
DE85701065 **24**-*556,755* PC **A02**/MF **A01**

**IFVE-OEA-83-6**
Interactive Software in the Booster Synchrotron on-Line Control System.
DE84702353 **01**-*501,326* PC **A02**/MF **A01**

**IFVE-OEA-83-10**
SUMMA Serial Highway Controller.
DE84702377 **02**-*503,822* PC **A02**/MF **A01**

**IFVE-OEA-83-13**
SUMMA Serial Trunk in the Control System of a Separated Beam Channel.
DE84702352 **01**-*502,437* PC **A02**/MF **A01**

**IFVE-OEA-83-22**
SUMMA Trunk Series Driver.
DE85700767 **23**-*553,660* PC **A02**/MF **A01**

**IFVE-OEA-83-33**
Experimental Modular System with a Multiprocessor Bus.
DE84702378 **02**-*503,823* PC **A02**/MF **A01**

**IFVE-OEA-83-35**
Digital Synchronous Control System.
DE84702379 **02**-*503,774* PC **A02**/MF **A01**

**IFVE-OEA-83-160**
On-Line System for Separated Particle Channel Tuning.
DE85701072 **24**-*556,762* PC **A02**/MF **A01**

**IFVE-OEA-83-162**
Dialog Guide Programs for Operators of Scanning-Measuring Projectors in the COSDES System. Part 2. Guide Program Realization.
DE85701286 **22**-*550,238* PC **A02**/MF **A01**

**IFVE-OEF-83-15**
Pi exp 0 and eta Meson Production in Hadron-Nucleus Interactions at the Momentum of 10.5 GeV/C.
DE84702093 **03**-*507,436* PC **A02**/MF **A01**

**IFVE-OEF-83-16**
Large Transverse Momentum Single and Pair Hadron Production in Proton and pi -Meson Beams. FODS-2 Experiment Proposal.
DE85700856 **20**-*546,717* PC **A03**/MF **A01**

**IFVE-OEF-83-28**
Neutron Polarization in Binary Charge-Exchange Reactions.
DE84702800 **08**-*517,866* PC **A02**/MF **A01**

**IFVE-OEF-83-84**
Observation of Scalar G(1590) Meson Decaying in Two nu Mesons.
DE84702440 **01**-*502,495* PC **A02**/MF **A01**

**IFVE-OEF-83-98**
Comparison of Hadron and Charge Form Factors of pi Meson and Proton.
DE85700662 **20**-*546,675* PC **A02**/MF **A01**

**IFVE-OEF-83-106**
Observation of the R(2510) Neutral Meson with the Spin of J = 6.
DE84702268 **09**-*520,317* PC **A02**/MF **A01**

**IFVE-OEF-83-119**
A-Dependence of Hadron Pair Production with High Psub(T).
DE84703229 **09**-*520,349* PC **A02**/MF **A01**

**IFVE-OEF-83-124**
Weak Exchange Degeneration and Polarization in Binary Reactions pi exp - p Yields K sup 0 lambda and pi exp - p Yields Dsup(-) Lambda Sup( + )Sub(C).
DE85700847 **20**-*546,708* PC **A02**/MF **A01**

**IFVE-OEF-83-127**
Main Results and Perspectives of Investigation of Polarization Effects Using High Energy Accelerators.
DE85700676 **20**-*546,688* PC **A03**/MF **A01**

**IFVE-OEF-83-131**
Discrete Liquid Helium Level Indicator.
DE85701767 **25**-*559,827* PC **A02**/MF **A01**

**IFVE-OEF-83-136**
Characteristics of Particle Detector on the Base of a Charge-Coupling Device.
DE85700753 **22**-*551,098* PC **A02**/MF **A01**

**IFVE-OEF-83-155**
X-Particle Production in pi exp - p Collisions at 38 GeV/C.
DE85700855 **20**-*546,716* PC **A02**/MF **A01**

**IFVE-OEF-83-182**
Study of the Characteristics of Multiwire Proportional Chambers Using Cathode Data Read-out.
DE85700948 **20**-*546,133* PC **A02**/MF **A01**

**IFVE-OEF-83-202**
Production of Charged Hadrons with Large Transverse Momentum in Proton-Deuteron Collisions at 70 GeV.
DE85700677 **20**-*546,689* PC **A02**/MF **A01**

**IFVE-OEF-83-203**
Investigation of D(1285) and E(1420) Meson Production in Exclusive Interactions of Negatively Charged Pions and Kaons at the Momentum 32,5 GeV/C.
DE85701011 **22**-*551,583* PC **A02**/MF **A01**

**IFVE-OEF-84-2**
High-Stability High-Current Power Supply for a Multichannel Cherenkov Full Absorption Spectrometer.
DE85700949 **20**-*546,134* PC **A02**/MF **A01**

**IFVE-OEF-84-14**
New Test of Non-Abelian Nature of QCD.
DE85701773 **25**-*559,573* PC **A02**/MF **A01**

**IFVE-OEF-84-39**
Method of Detection of Transition Radiation by Wire Chambers Operating in Self-Quenching Streamer Mode.
DE85781338 **25**-*559,031* PC **A02**/MF **A01**

**IFVE-OEF-84-66**
Film Converters for Ultraviolet Radiation.
DE85781301 **25**-*559,016* PC **A02**/MF **A01**

**IFVE-OEF-84-82**
Prospect for Using Charge-Coupled Devices in Precise Vertex Detectors for Short-Lived Particle Decays.
DE85781339 **25**-*559,032* PC **A02**/MF **A01**

**IFVE-OEF-84-83**
Study on the Short-Term Instability and Ways to Stabilize Amplification of Photomultipliers.
DE85781340 **25**-*559,033* PC **A02**/MF **A01**

**IFVE-OEF-84-97**
Total Hadron Interaction Cross Section Growth.
DE85701793 **25**-*559,591* PC **A02**/MF **A01**

**IFVE-OEF-84-98**
Exclusive Production and Decay of Glueballs.
DE85701794 **25**-*559,592* PC **A02**/MF **A01**

**IFVE-OEIPK-83-11**
Inclusive and Semi-Inclusive Rapidity Distributions of pi exp + - Mesons in K [illegible] p - p Interactions at 32 GeV/C.
DE84702091 **03**-*507,434* PC **A02**/MF **A01**

**IFVE-OEIPK-83-12**
Main Characteristics of the Counters for the Neutral Hadron Forward Calorimeter of the European Hybrid Spectrometer.
DE84702687 **01**-*502,156* PC **A02**/MF **A01**

**IFVE-OEIPK-83-43**
Two-Particle Inclusive and Semi-Inclusive Rapidity Distributions of pi exp + - Mesons in K exp - p Interactions at 32 GeV/C.
DE84703362 **09**-*520,375* PC **A02**/MF **A01**

**IFVE-OEIPK-83-44**
Correlation Function Distributions in Rapidity for Pairs of pi Mesons in K exp - p Interactions at 32 GeV/C.
DE84702224 **02**-*505,004* PC **A02**/MF **A01**

**IFVE-OEIPK-83-93**
Estimation of Cross Sections of Different Channels of Strange Particle Production in Anti pp Interactions at 32 GeV/C.
DE84703347 **09**-*520,360* PC **A02**/MF **A01**

**IFVE-OEIPK-83-95**
Study of a Jet-Like Structure in K exp - p and Anti Pp Interactions at 32 GeV/C.
DE84702269 **03**-*507,483* PC **A02**/MF **A01**

**IFVE-OEIPK-83-97**
Measurement of Cross Sections for Neutral Strange Particle Production in Anti Pp-Interactions at 32 GeV/C and Comparison with the Pp-Interaction Data.
DE84703363 **09**-*520,376* PC **A02**/MF **A01**

**IFVE-OEIPK-83-108**
Neutral Strange Particle Production in K exp + p Interactions at 32 GeV/C.
DE85701012 **22**-*551,584* PC **A04**/MF **A01**

**IFVE-OEIPK-83-128**
Study on Spin Alignment of rho sup 0 (770) Meson in K exp - p and Anti pp Interactions at 32 GeV/C.
DE84703360 **09**-*520,373* PC **A02**/MF **A01**

**IFVE-OEIPK-83-152**
Study on the Inclusive PHI Meson Production in Association with Other Particles in K exp + p Reactions at 32 GeV/C.
DE84703361 **09**-*520,374* PC **A02**/MF **A01**

**IFVE-OEIPK-83-153**
Inclusive Ksup(* + )(890), Ksup(* + )(1430) and Anti Ksup(* )(890) Production in K exp + p Interactions at 32 GeV/C.
DE85700857 **20**-*546,718* PC **A03**/MF **A01**

**IFVE-OEIPK-84-118**
Procedure for Physicist's Scanning in the Image Processing System of Bubble Chambers.
DE85781341 **25**-*559,034* PC **A02**/MF **A01**

**IFVE-OI-83-74**
Phase Density Distribution in a Six-Dimensional Phase Space for Intense Ion Beams.
DE84780443 **01**-*502,454* PC **A02**/MF **A01**

**IFVE-OI-84-17**
Method for Flattening the Electric Field in a W-Resonator Accelerating Structure.
DE85700726 **22**-*551,489* PC **A02**/MF **A01**

**IFVE-OKU-OUNK-84-23**
Systems for Damping the Beam Transverse Dipole Oscillations in the IHEP Accelerator.
DE85701645 **25**-*559,486* PC **A02**/MF **A01**

**IFVE-OMVT-83-3**
PRUD-0 Program Package for Accelerating Structure Calculation.
DE84702354 **01**-*502,438* PC **A02**/MF **A01**

**IFVE-OMVT-83-107**
Extension of the DEC-10 Computer Terminal Network by Means of the Group Controller on the Base of the ELECTRONICA-60 Microcomputer.
DE85700768 **22**-*550,235* PC **A02**/MF **A01**

**IFVE-OMVT-83-123**
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DE84702673 **01**-*502,445* PC **A02**/MF **A01**

**IFVE-OMVT-83-178**
Modification of the PRUD-O Program Package for Calculating the Periodic Structures.
DE85700916 **20**-*546,553* PC **A02**/MF **A01**

**IFVE-OMVT-83-179**
Method to Find Eigen Electromagntic Fields in Cavities of Arbitrary Shape. PRUD-M Program Package to Find Azimuthal Nonuniform Modes in Axial-Symmetric Cavities. Part 2.
DE85700727 **22**-*551,490* PC **A02**/MF **A01**

**IFVE-OMVT-84-92**
Numerical Simulation of Oscillation Fields with Azimuthal Variations in Axially-Symmetric Resonators. 1. Formulation of the Problem and the Method of Its Solution.
DE85701646 **25**-*559,402* PC **A02**/MF **A01**

**IFVE-ONF-83-34**
System for Acquisition and Filtration of the Data from a Vertex Detector on the Base of Drift Chambers.
DE85700950 **20**-*546,135* PC **A02**/MF **A01**

**IFVE-ONF-83-45**
Neutrino Counting in Colliding E exp + E exp - BEAMS.
DE84703219 **20**-*546,631* PC **A02**/MF **A01**

**IFVE-ONF-83-71**
Potential Reconstruction from Experimental Data.
DE85700621 **20**-*546,913* PC **A02**/MF **A01**

**IFVE-ONF-83-110**
Mirror Fermions in the Problem of p-Parity Violation in Weak Interaction.
DE84702581 **03**-*507,530* PC **A03**/MF **A01**

**IFVE-ONF-83-111**
Prototype of a gamma Spectrometer with Spectrum Shifter.
DE85700754 **22**-*551,099* PC **A02**/MF **A01**

**IFVE-ONF-83-113**
Time Resolution of Liquid Argon Detectors. Part 1. Optimal Filter.
DE84701882 **03**-*506,971* PC **A02**/MF **A01**

**IFVE-ONF-83-142**
Shortening of Particle Detector Signals by the Pole-Zero Cancellation Method.
DE85700755 **22**-*551,100* PC **A02**/MF **A01**

**IFVE-ONF-83-143**
Compton Effect on pi exp - Meson.
DE85701795 **25**-*559,593* PC **A02**/MF **A01**

**IFVE-ONF-83-149**
Two-Particle Lepton-Nucleon Processes in Dual QCD Approach.
DE85700655 **20**-*546,668* PC **A02**/MF **A01**

**IFVE-ONF-83-154**
Analysis of Experimental Data rho exp 0 - and omega - Meson Inclusive Production in the Framework of Some Theoretical Models.
DE84703066 **04**-*510,269* PC **A02**/MF **A01**

**IFVE-ONF-83-159**
Big Liquid Scintillation Counter.
DE85700756 **22**-*551,101* PC **A02**/MF **A01**

**IFVE-ONF-83-173**
Properties of Multiplicity Distributions in nuA and AntinuA Interactions at Esub((Anti nu)) < = 30 GeV.
DE85701787 **25**-*559,585* PC **A02**/MF **A01**

**IFVE-ONF-83-174**
Inclusive Charged Hadron Spectra in nu A and Approximately nu A Interactions at Esub(Approximately nu ) < = 30 GeV.
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**IFVE-ONF-83-175**
Limitations on Neutrino Oscillation Parameters According to Data of Quasi-Elastic Scattering in the IHEP Neutrino BEAMS.
DE85700675 **20**-*546,687* PC **A02**/MF **A01**

**IFVE-ONF-84-69**
Estimate of Hadron Formation Length in Neutrino Interactions.
DE85701788 **25**-*559,586* PC **A02**/MF **A01**

**IFVE-ONF-84-84**
Possibility of Detection of Heavy Neutrino Decays.
DE85701770 **25**-*559,570* PC **A02**/MF **A01**

**IFVE-ONF-84-124**
Time Resolution of the Liquid Argon Detectors. Part 2. Physically Realizable Filters.
DE85781302 **25**-*559,017* PC **A02**/MF **A01**

**IFVE-OP-83-29**
Problem of High Energy Proton Spin Motion in Curved Monocrystals.
DE85700634 **20**-*546,986* PC **A02**/MF **A01**

**IFVE-ORI-OEF-84-36**
Multiple Coulomb Scattering of 7.3 and 11.7 GeV/C Muons on Cu Target.
DE85701847 **26**-*561,832* PC **A02**/MF **A01**

**IFVE-OTF-OEF-83-148**
G(1590)-Meson and Possible Characteristic Features of a Glueball.
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**IFVE-OTF-78-164**
Quantization of Scalar Field with Nonlinearity over Derivatives.
IFVE-OTF-78-164 **20**-*546,854* PC **A02**/MF **A01**

**IFVE-OTF-82-128**
Infrared Region of QCD, Quark Masses and Chromomagnetic Moments.
DE84702801 **08**-*518,080* PC **A02**/MF **A01**

**IFVE-OTF-82-136**
Triple-Lepton Nucleon Decays with Fermion Number Conservation.
DE84702802 **08**-*517,867* PC **A02**/MF **A01**

**IFVE-OTF-83-5**
Infrared Asymptotics of Fermion Green Function in QCD Models.
DE84702721 **08**-*518,054* PC **A02**/MF **A01**

**IFVE-OTF-83-23**
Scaling Violation in Charmed Meson Inclusive Production.
DE84702822 **08**-*517,885* PC **A02**/MF **A01**

**IFVE-OTF-83-24**
Multiplicity Distribution Function and Description of the Data at Sqrt S = 540 GeV.
DE84702225 **02**-*505,005* PC **A02**/MF **A01**

**IFVE-OTF-83-25**
Inverse Scattering Method for Relativistic String.
DE84702168 **02**-*505,000* PC **A02**/MF **A01**

**IFVE-OTF-83-31**
Possibility to Observe Free Quarks.
DE84702270 **03**-*507,484* PC **A02**/MF **A01**

**IFVE-OTF-83-32**
Construction of Two-Dimensional Riemannian Manifolds Embedded into Enveloping Euclidean (Pseudo-Euclidean) Space.
DE84702169 **02**-*504,128* PC **A02**/MF **A01**

**IFVE-OTF-83-39**
Quantum Theory of Fermionic String with a Finite Number of Degrees of Freedom.
DE84702583 **03**-*507,707* PC **A02**/MF **A01**

**IFVE-OTF-83-40**
Muon Number Violating Kaon Decays and Precocious Chiral Unification Mass Scale.
DE85700664 **20**-*546,677* PC **A02**/MF **A01**

**IFVE-OTF-83-49**
Properties of Meson Resonances from QCD Duality.
DE84703348 **09**-*520,361* PC **A02**/MF **A01**

**IFVE-OTF-83-50**
LSZ Asymptotic Condition and Dynamic Equations in Quantum Field Theory. Part 1. Bethe-Salpeter Equation.
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**IFVE-OTF-83-51**
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DE84702722 **08**-*518,055* PC **A02**/MF **A01**

**IFVE-OTF-83-52**
LSZ Asymptotic Condition and Dynamic Equations in Quantum Field Theory. Part 3. Expressions for Amplitudes of Physical Processes.
DE84702723 **08**-*518,056* PC **A02**/MF **A01**

**IFVE-OTF-83-56**
Modified Equations for Colorless Cluster Spectrum.
DE84702620 **03**-*507,536* PC **A02**/MF **A01**

**IFVE-OTF-83-58**
Lax-Type Representation for Embeddings of Riemannian Manifolds.
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**IFVE-OTF-83-59**
Equivalence of Hilbert and Belinfante Energy-Momentum Tensors.
DE84702170 **02**-*505,076* PC **A03**/MF **A01**

**IFVE-OTF-83-61**
Possible Structure of Higgs Sector in SU(2)XU(1)XU(1) Model of Electroweak Interactions.
DE84702585 **03**-*507,531* PC **A02**/MF **A01**

**IFVE-OTF-83-62**
Model of High Energy Hadron Elastic Scattering and Diffraction Dissociation Processes.
DE84702226 **02**-*505,006* PC **A02**/MF **A01**

**IFVE-OTF-83-63**
Density Fluctuations and Dispersion Relation in Field Theory of Gravity.
DE84702725 **08**-*518,057* PC **A02**/MF **A01**

**IFVE-OTF-83-76**
Relativistic String with Fixed End-Points.
DE84702726 **08**-*517,858* PC **A02**/MF **A01**

**IFVE-OTF-83-77**
Mechanism of Meson-Nucleon Backward Elastic Scattering at High Energies.
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**IFVE-OTF-83-79**
Dirac Calculus for Modules over Grassmann Algebra.
DE84702727 **08**-*517,859* PC **A02**/MF **A01**

**IFVE-OTF-83-80**
Gauge-Invariant Renormalizations of a Generating Functional.
DE85700617 **20**-*546,910* PC **A02**/MF **A01**

**IFVE-OTF-83-82**
Infrared Asymptotics of Quark Propagator in Light Cone Gauge.
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**IFVE-OTF-83-88**
Exclusive Neutrino Production of Pseudoscalar Mesons in Neutral Currents.
DE85700657 **20**-*546,670* PC **A02**/MF **A01**

**IFVE-OTF-83-89**
Radiative Detection of Neutral Particles Produced in E exp + E exp - Collisions.
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**IFVE-OTF-83-91**
Gauge Invariant Description of Massive High Spin Particles.
DE84702728 **08**-*517,860* PC **A02**/MF **A01**

**IFVE-OTF-83-92**
Spontaneous Symmetry Breaking and Gauge Invariance in N = 1 Supergravity.
DE84702729 **08**-*518,058* PC **A02**/MF **A01**

**IFVE-OTF-83-114**
One Method of Realization of Commutation Relation Algebra.
DE85700616 **20**-*546,909* PC **A02**/MF **A01**

**IFVE-OTF-83-116**
Beauty Hadron Photoproduction.
DE85700658 **20**-*546,671* PC **A02**/MF **A01**

**IFVE-OTF-83-117**
Classical Yang-Mills Field Theory with Nonstandard Lagrangians.
DE85700804 **18**-*541,855* PC **A02**/MF **A01**

**IFVE-OTF-83-138**
Theory of One-Lacuna Configurations of Relativistic String.
DE85700622 **20**-*546,663* PC **A02**/MF **A01**

**IFVE-OTF-83-140**
Neutral Currents in Two-Z-Boson Gauge Models.
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**IFVE-OTF-83-141**
Classification Problem for Exactly Integrable Embeddings of Two-Dimensional Manifolds and Coefficients of the Third Fundamental Forms.
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**IFVE-OTF-83-144**
Multiple Hadron Production in Three-Jet Events.
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**IFVE-OTF-83-145**
Current-Current Amplitudes for Four-Fermion Interaction and Two-Particle Bound States.
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**IFVE-OTF-83-146**
One-Loop Calculations in QED in Axial Gauge.
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**IFVE-OTF-83-157**
Reparametrization in the Path Integral.
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**IFVE-OTF-83-186**
Inverse Scattering Method and Quantum Theory of String.
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**IFVE-OTF-84-29**
Algebra of Asymptotic Poincare Group Generators in General Relativity.
DE85701722 **25**-*559,736* PC **A02**/MF **A01**

**IFVE-OTF-84-30**
Relation Between High-Energy and Low-Energy Parameters of pi pi Interaction.
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**IFVE-OTF-84-31**
Description of Non-Relativistic Particle Scattering in the Framework of Homogeneous Formalism.
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**IFVE-OTF-84-37**
Cross Section Growth of Hadron-Hadron Interactions and Its Possible Connection with Glueball Existence.
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**IFVE-OTF-84-38**
Invariant for Radiation Transition in the Coulomb Field.
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**IFVE-OTF-84-45**
Colour Charge Interaction.
DE85701560 **24**-*556,951* PC **A02**/MF **A01**

**IFVE-OTF-84-85**
Spin Effects in Hadron Interactions at High Energies.
DE85701796 **25**-*559,594* PC **A02**/MF **A01**

**IFVE-OTF-84-86**
Dependent Coordinates in Classical Mechanics.
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Beam Profile Measurement During Proton Slow Extraction from JHEP Accelerator.
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**IFVE-OUNK-OEA-83-99**
Optical-Fibre Communication Line in the Control System of the I-100 Linac Ion Source.
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**IFVE-OUNK-82-139**
Transverse Resistance of Flat Transposed Superconducting Cables.
DE84702674 **01**-*501,265* PC **A02**/MF **A01**

**IFVE-OUNK-82-158**
Tests of the KGU-400/4.5 Plant in Non-Standard Operating Modes.
DE84700776 **03**-*506,610* PC **A02**/MF **A01**

**IFVE-OUNK-83-19**
Technique for Additional Eddy Loss Measurements in Flat Transposed Superconducting Cables under Pressure.
DE85700729 **22**-*550,183* PC **A02**/MF **A01**

**IFVE-OUNK-83-48**
Equipment for Measuring of the Stainless Steel Magnetic Susceptibility at 4.2 K.
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**IFVE-OUNK-83-120**
IHEP Accelerating and Storage Complex (UNK) Status.
DE85701059 **24**-*556,750* PC **A02**/MF **A01**

**IFVE-OUNK-83-121**
Development and Study of the UNK Superconducting Dipole Models.
DE85701902 **25**-*559,501* PC **A02**/MF **A01**

**IFVE-OUNK-83-150**
Effect of Magnetic Field Systematic Nonlinearities on the Betatron Frequency Spread in the Accelerating-Storage Complex.
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**IFVE-OUNK-83-151**
Electromagnetic Radiation of Protons in Edge Fields of Synchrotron Dipole Magnets.
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**IFVE-OUNK-83-158**
Measurement of Stationary Heat Transfer Through Insulation of a Flat Superconducting Cable.
DE85701903 **25**-*558,140* PC **A02**/MF **A01**

**IFVE-OUNK-83-191**
Calculation of Special Sections in the UNK Magnetic Structure.
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**IIHR-278**
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**IIHR-281**
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**IIHR-284**
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AD-A147 427/9 **03**-*507,295* PC **A03**/MF **A01**

**IIHR-285**
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**IIHR-286**
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PB85-126308 **04**-*509,711* PC **A04**/MF **A01**

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**INER-0514**
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**INFN/BE-83-9**
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**INFO-0054(F)**
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**INFO-0076**
Regulation of the Canadian Nuclear Industry.
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Exporting the Canadian Licensing Program.
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**INFO-0081**
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**INFO-0090**
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**INFO-0091**
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**INFO-0092**
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**INFO-0093**
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**INFO-0094**
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**INFO-0095**
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**INFO-0097**
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**INFO-0097-APP.A**
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**INFO-0097-APP.B**
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**INFO-0098**
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**INFO-0099**
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**INFO-0102-3**
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**INFO-0104**
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**INFO-0106**
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**INFO-0108**
Regulation of Nuclear Activities in Canada.
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**INFO-0115**
Consequences of Pressure Tube Rupture on in-Core Components. Phase 1 - Technology Review.
DE85701246 **23**-*554,035* PC **A09**/MF **A01**

**INFO-0119**
Automated Methods for Thorium Determination in Liquids, Solids and Aerosols.
DE85701939 **26**-*561,280* PC **A03**/MF **A01**

**INFORMATION DOCUMENT-11**
Fodder Crops for the South Pacific.
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**INIS-BR-29**
Fixing Noble Gas in Zeolites.
DE83704219 **02**-*504,667* PC **A05**/MF **A01**

**INIS-BR-52**
Effect of Austenitizing Temperature in C.O.D. Initial Values of Niocor 2 Steel of Two Different Niobium Contents.
DE83781124 **02**-*504,066* PC **A02**/MF **A01**

**INIS-BR-92**
Calibration of Neutron Monitors with Moderators and Application in the Calibration Factors of Albedo Dosemeters.
DE84700220 **03**-*505,762* PC **A06**/MF **A01**

**INIS-BR-103**
Technical Subsidies for the Operation of IRD/CNEN(Instituto de Radioprotecao e Dosimetria/Comissao Nacional de Energia Nuclear de Brasil, Rio de Janeiro) Emergency Vehicles in the Case of a Nuclear Accident at the Angra Nuclear Power Plant with Associated Radioactive Releases to the Atmosphere.
DE84780190 **03**-*507,109* PC **A05**/MF **A01**

**INIS-BR-111**
Optimization of a Scintillation Detector with Hemispherical Configuration.
DE84780362 **01**-*502,163* PC **A06**/MF **A01**

**INIS-BR-115**
Stress Analysis for Shells with Double Curvature by Finite Element Method.
DE84780352 **01**-*502,601* PC **A06**/MF **A01**

**INIS-BR-116**
Numerical Calculation of the Main Variables of the Laminar Flow around a Circumferential Square Obstacle at the Wall of a Circular Pipe.
DE84780350 **01**-*502,379* PC **A07**/MF **A01**

**INIS-BR-121**
Proceedings of the Meeting on Medical Physics in Rio de Janeiro.
DE84780533 **08**-*516,194* PC **A08**/MF **A01**

**INIS-BR-122**
Introduction to Lattice Gauge Theories.
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**INIS-BR-123**
Bifurcation Set Associated to the Copy Phenomenon in the Space of Gauge Fields.
DE84780518 **01**-*502,588* PC **A02**/MF **A01**

**INIS-BR-124**
Study of the Determination Method of the River Dispersion Coefficient.
DE84780522 **03**-*505,981* PC **A09**/MF **A01**

**INIS-BR-125**
Numerical Study of the Eigenvalues in the Neutron Diffusion Theory.
DE84780530 **02**-*504,825* PC **A06**/MF **A01**

**INIS-BR-126**
Model for Transient Simulation in a PWR Steam Circuit.
DE84780527 **02**-*504,780* PC **A09**/MF **A01**

**INIS-BR-127**
Proposal of a New Model for Dose Calculation Due to the Inhalation of Rn-222, Rn-220 and Their Sons with Brief Half-Life.
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**INIS-BR-129**
Fuel Rod Thermal Analysis of the Angra-1 Reactor During a Postulated Loss of Coolant Accident.
DE84780528 **03**-*507,200* PC **A07**/MF **A01**

**INIS-BR-130**
Determination of the Uranium Content in Phosphate Fertilizers by the Fission Track Registration Technique.
DE84780523 **01**-*500,062* PC **A08**/MF **A01**

**INIS-BR-131**
Studies of the Properties of Some Saccharides for Lyoluminescence Dosimetry.
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**INIS-BR-132**
1982 Highlights (Brazilian Energy and Mines Ministry).
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**INIS-BR-133**
Applications of sup 137 Cs Distribution to the Study of Soil Physical Agents.
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**INIS-BR-134**
Numerically and Experimentally Analysis of Creep.
DE85780039 **10**-*522,339* PC **A09**/MF **A01**

**INIS-BR-135**
Discretization Model for Nonlinear Dynamic Analysis of Three Dimensional Structures.
DE85780294 **17**-*539,112* PC **A05**/MF **A01**

**INIS-BR-136**
Study of an Hypothetical Reactor Meltdown Accident for a 50 MW sub(Th) Fast Reactor.
DE85780299 **17**-*539,114* PC **A05**/MF **A01**

**INIS-BR-137**
Measurements of Dose Distribution in Thyroids, Gonads, Crystalline and Other Organs, for Radio-Diagnostics with Computerized Tomography.
DE85780272 **15**-*533,257* PC **A06**/MF **A01**

**INIS-BR-138**
Determination of the Uranium Concentration in Apatite by the Fission - Track Registration Technique.
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**INIS-BR-139**
Comparative Analysis among Several Cross Section Sets.
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**INIS-BR-140**
Nodal Polynomial Expansion Method to Solve the Multigroup Diffusion Equations.
DE85780297 **17**-*538,934* PC **A05**/MF **A01**

**INIS-BR-141**
Criticality Accident in Argentina.
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**INIS-BR-142**
Implementation and Application of the WASP-III at CNEN/Brazil.
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**INIS-BR-144**
Simulation of the Fuel Rod Thermal Hydraulic Performance During the Blow down Phase in a PWR.
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**INIS-BR-145**
Welding of Nb Micro-Alloyed Steel by the Submerged Arc Process Using Brazilian Consumables.
DE85780035 **11**-*524,718* PC **A02**/MF **A01**

**INIS-BR-146**
Fabrication of Plate for Special Applications by USIMINAS (Usinas Siderurgicas de Minas Gerais S/A).
DE85780036 **11**-*524,492* PC **A02**/MF **A01**

**INIS-BR-147**
Properties of ABNT 41XX and 86XX Cast Steel Modified with Niobium; Evaluation Methodology and Experimental Preliminary Results.
DE85780088 **20**-*545,514* PC **A02**/MF **A01**

**INIS-BR-149**
Study of the Variations of the Microhardness and Electrical Resistivity in Nuclear Materials.
DE85780037 **10**-*522,873* PC **A02**/MF **A01**

**INIS-BR-150**
Quantization of Spontaneously Broken Gauge Theories in the Unitary Gauge Through the Dirac Bracket Formalism.
DE85780820 **17**-*539,406* PC **A02**/MF **A01**

**INIS-BR-151**
Counter Example of the Bloch Nordsiek Theorem for the Quark-Gluon Scattering.
DE85780836 **17**-*539,409* PC **A03**/MF **A01**

**INIS-BR-152**
Generalized Treatment of Point Canonical Transformations in the Path Integral.
DE85780818 **17**-*539,441* PC **A02**/MF **A01**

**INIS-BR-153**
Determination of Rare Earths and Traces of Other Elements by Neutron Activation Analysis.
DE85780844 **17**-*537,693* PC **A03**/MF **A01**

**INIS-BR-154**
Radioactive Contamination of Bunodosoma Caissarum under Controlled Conditions.
DE85780854 **17**-*538,885* PC **A02**/MF **A01**

**INIS-BR-155**
Mineralogic and Sedimentologic Characteristics of the Lagoa de Araruama, RJ - Brazil.
DE85780852 **17**-*537,788* PC **A02**/MF **A01**

**INIS-BR-156**
Plasma Heating by Kinetic Alfven Wave.
DE85780829 **17**-*539,435* PC **A11**/MF **A01**

**INIS-BR-157**
Cross Section Determination of Threshold Like (n,p), (n, alpha ) and (n,2n) Reactions with 14 MeV Neutrons for the sup 50 Ti, sup 68 Zn and sup 90 Zr Nuclides.
DE85780841 **17**-*539,413* PC **A06**/MF **A01**

**INIS-BR-158**
Study About Neutron Sources for Electron Linear Accelerators.
DE85780838 **17**-*539,377* PC **A06**/MF **A01**

**INIS-BR-159**
Nuclear Accident: Dosimetric and Medical Aspects.
DE85780855 **17**-*537,458* PC **A02**/MF **A01**

**INIS-BR-160**
Procedures for Estimating the Radiation Dose in the Vicinity of Uranium Mines and Mills by Direct Calculation Methodology.
DE85780578 **17**-*537,833* PC **A10**/MF **A01**

**INIS-BR-161**
Determination of Photopeak Efficiency for a NaI (Tl) Well Scintillation Detector.
DE85780486 **16**-*536,582* PC **A03**/MF **A01**

**INIS-BR-162**
Meteorological Instrumentation for Nuclear Facilities.
DE85780575 **15**-*534,555* PC **A06**/MF **A01**

**INIS-BR-163**
Analysis of the Swift Model to Determine Stresses and Deformations in the Drawing Process of Tubes Without Mandrel.
DE85780565 **17**-*538,615* PC **A07**/MF **A01**

**INIS-BR-164**
Methodology to Evaluate the Site Standard Seismic Motion for a Nuclear Facility.
DE85780572 **15**-*534,671* PC **A13**/MF **A01**

**INIS-BR-165**
Evaluation Model for PWR Irradiated Fuel.
DE85780600 **16**-*536,683* PC **A08**/MF **A01**

**INIS-BR-166**
Studies on the Crystallization of a Metal Glass by Ferromagnetic Resonance.
DE85780568 **17**-*539,275* PC **A05**/MF **A01**

**INIS-BR-167**
Profile Updating for Information Systems.
DE85780601 **16**-*535,434* PC **A05**/MF **A01**

**INIS-BR-168**
Alpha Spectroscopy with Ionization Chamber to Determine Uranium and Thorium in Environmental Samples.
DE85780595 **16**-*536,589* PC **A05**/MF **A01**

**INIS-BR-169**
Effect of the Interface in Laminated Composites of Al-1100 and Al-2024.
DE85780569 **17**-*538,208* PC **A09**/MF **A01**

**INIS-BR-170**
Dynamic Behavior of Large Oxide-Fueled Fast Reactors During over-Power Transients Due to Boiling of Sodium.
DE85780592 **17**-*539,131* PC **A07**/MF **A01**

**INIS-BR-171**
Preparation of Thorium Oxide Microspheres by Internal Gelation Process.
DE85780589 **17**-*539,129* PC **A02**/MF **A01**

**INIS-BR-172**
Fission Products Control by Gamma Spectrometry in Simulated Purex Process Solutions.
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**INIS-BR-173**
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**INIS-BR-174**
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DE85780500 **17**-*537,679* PC **A06**/MF **A01**

**INIS-BR-175**
Annuals of the 4. Brazilian Symposium on Electrochemistry and Electroanalytics (4th) Held at Sao Carlos on 15 April 1984.
DE85780501 **17**-*537,680* PC **A99**/MF **A01**

**INIS-BR-176**
Seismic Instrumentation for Nuclear Power Plants.
DE85780596 **16**-*536,666* PC **A07**/MF **A01**

**INIS-BR-177**

Calculation of the Neutron Flux Variation and the Reactivity by High Order Perturbation Theory.
DE85780587 **17**-*539,220* PC **A03**/MF **A01**

**INIS-BR-178**

Simulation of Nuclear Plant Operation into a Stochastic Energy Production Model.
DE85780590 **17**-*538,906* PC **A06**/MF **A01**

**INIS-BR-179**

Nuclear Fuel Cycle. Vol. 1. International Overview.
DE85780799 **16**-*536,686* PC **A06**/MF **A01**

**INIS-BR-180**

Nuclear Fuel Cycle. Vol. 2. International Overview.
DE85780800 **16**-*536,687* PC **A07**/MF **A01**

**INIS-BR-181**

Radiometric Determination of Uranium and Its Decay Products Found in Uranium Ores.
DE85780377 **17**-*537,671* PC **A02**/MF **A01**

**INIS-BR-182**

Simultaneous Determination of sup 56 Mn and sup 187 W in Neutron Activated Steels.
DE85780789 **17**-*538,274* PC **A03**/MF **A01**

**INIS-BR-183**

Ultraviolet Optical Absorption of Alkali Cyanides and Alkali Halide Cyanides.
DE85780372 **17**-*539,350* PC **A05**/MF **A01**

**INIS-BR-184**

Quantum and Thermodynamical Aspects of Black Holes.
DE85780368 **15**-*532,966* PC **A06**/MF **A01**

**INIS-BR-185**

Sterilization and Lethality Induced by gamma Radiation from sup 60 Co, in Imagos of Zabrotes Subfasciatus (BOH., 1833), (Coleoptera:Bruchidae), under Atmospheres Air, Oxygen and Carbon Dioxide.
DE85780470 **15**-*533,442* PC **A04**/MF **A01**

**INIS-BR-186**

Interaction of the Phage-Xanthomonas Campestris (Pammel) Dowson at the Eletronic Microscopy Level, Virazole Effect and Radioautographic Study of the Phage Action on the Host.
DE85780471 **15**-*532,945* PC **A06**/MF **A01**

**INIS-BR-187**

Sup 226 Ra and sup 210 Pb Lixiviation Sediments from the Region of Uranium Mine and Mill in Pocos de Caldas, Contaminated in Laboratory by River Water and Chemical Agents. Mobility and Availability in Soils.
DE85780402 **15**-*534,646* PC **A07**/MF **A01**

**INIS-BR-188**

Measurements of Magnetic Anisotropy in Sickle Cells.
DE85780403 **15**-*533,225* PC **A04**/MF **A01**

**INIS-BR-189**

Multichannel Analyzer Based on Microprocessors.
DE85780487 **16**-*536,583* PC **A06**/MF **A01**

**INIS-BR-190**

Waste Disposal: Preliminary Studies.
DE85780491 **17**-*539,029* PC **A07**/MF **A01**

**INIS-BR-191**

Development of a System for Data Collection and Processing by Telemetry.
DE85780489 **16**-*536,605* PC **A07**/MF **A01**

**INIS-BR-192**

Determination of delta Ferrite Volumetric Fraction in Austenitic Stainless Steels.
DE85780385 **17**-*537,675* PC **A05**/MF **A01**

**INIS-BR-193**

Studies About Diffusion Through Grain Boundary.
DE85780378 **17**-*538,259* PC **A06**/MF **A01**

**INIS-BR-194**

Method of Neutron Activation Analysis to Determine the Concentration of Alloy Elements in Steels.
DE85780379 **17**-*537,672* PC **A05**/MF **A01**

**INIS-BR-195**

Use of Atomic Absorption Spectrometry to Determine Metallic Impurities in Coal.
DE85780380 **17**-*537,673* PC **A10**/MF **A01**

**INIS-BR-196**

Use of gamma Irradiation and Inert Gases in the Sterilization of Ceratitis Capitata (Wiedemann, 1824) (Diptera-Tephritidae) with the Objective of Using the Sterile Insect Technique.
DE85780472 **15**-*532,946* PC **A04**/MF **A01**

**INIS-BR-197**

Application of the Activation Analysis Using the Method of Retarded Fission Neutrons Counting for the Determination of Some Fissionable Nuclides.
DE85780381 **17**-*538,882* PC **A07**/MF **A01**

**INIS-BR-198**

Determination of Uranium Content in Phosphoric and Sulfuric Acids Used by the Phosphatized Fertilizers Industry.
DE85780382 **17**-*537,674* PC **A06**/MF **A01**

**INIS-BR-199**

Meeting on Medical Physics in Ribeirao Preto - Abstracts.
DE85780473 **15**-*533,301* PC **A03**/MF **A01**

**INIS-BR-200**

Proceedings of the Regional Colloquium on Soil Organic Matter Studies.
DE85780405 **15**-*532,938* PC **A12**/MF **A01**

**INIS-BR-201**

Niobium Stainless Steel for Implants.
DE85780390 **17**-*538,264* PC **A02**/MF **A01**

**INIS-BR-202**

Analysis by AUGER Spectroscopy of Type 65/35 alpha Brass Ductile Fracture.
DE85780400 **17**-*538,272* PC **A02**/MF **A01**

**INIS-BR-203**

Study of the Niobium Dehydrogenation Process by Transmission Electron Microscopy.
DE85780386 **17**-*537,676* PC **A02**/MF **A01**

**INIS-BR-204**

Cumulative Creep Damage and Its Control in the Stainless Steel AISI 304.
DE85780391 **17**-*538,265* PC **A03**/MF **A01**

**INIS-BR-205**

Anisotropic Diffusion of sup 51 Cr in Zr- alpha Monocrystals.
DE85780384 **17**-*538,260* PC **A02**/MF **A01**

**INIS-BR-206**

Effect of Niobium Microadditions on the Pearlite Formation and Microhardness.
DE85780392 **17**-*538,266* PC **A02**/MF **A01**

**INIS-BR-207**

Surface Modifications Induced by Hydrogen in AISI 304 Stainless Steel.
DE85780493 **20**-*545,515* PC **A02**/MF **A01**

**INIS-BR-209**

Solubility of Niobium in Austenite in the Presence of Nb(C,N).
DE85780790 **17**-*537,688* PC **A02**/MF **A01**

**INIS-BR-210**

Substitution of Vanadium for Niobium in a Steel for Hot Work- Effect in the Austenitic Grain Size and Some Mechanical Properties.
DE85780503 **17**-*538,273* PC **A02**/MF **A01**

**INIS-BR-211**

Effect of the Hydrogen Content and Cooling Velocity in the Hydrides Precipitation in alpha -Zirconium.
DE85780792 **17**-*538,275* PC **A02**/MF **A01**

**INIS-BR-212**

Study on the Crystallization of the Metal Glass with the Ferromagnetic Resonance and Transmission Electron Microscopy Techniques.
DE85780794 **17**-*539,276* PC **A02**/MF **A01**

**INIS-BR-213**

Niobium Effect in the Anisothermic Transformation of a Chromium Steel.
DE85780387 **17**-*538,261* PC **A02**/MF **A01**

**INIS-BR-214**

Evaluation of Stress Corrosion Cracking of Austenitic Stainless Steel in MgCl sub 2 Solution Added with NaNO sub 3, with the Slow Strain Rate Test.
DE85780396 **17**-*538,268* PC **A02**/MF **A01**

**INIS-BR-215**

Corrosion Fatigue of AISI 304 Stainless Steel in Aqueous Chloride Solution.
DE85780397 **17**-*538,269* PC **A02**/MF **A01**

**INIS-BR-216**

Evaluation of the Susceptibility to Intergranular Corrosion in the Nickel Base Alloy Inconel 718.
DE85780398 **17**-*538,270* PC **A02**/MF **A01**

**INIS-BR-217**

Anodic Behaviour of AISI 304 Stainless Steel Straining Electrodes in Aqueous Chloride Solutions.
DE85780793 **17**-*538,276* PC **A02**/MF **A01**

**INIS-BR-218**

National Energy Balance.
DE85780492 **16**-*536,074* PC **A06**/MF **A01**

**INIS-BR-219**

Radon Measurements Technique in Air Using a Track Plastic Detector.
DE85780798 **16**-*536,597* PC **A02**/MF **A01**

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**INIS-BR-221**

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DE85780490 **16**-*536,690* PC **A02**/MF **A01**

**INIS-BR-222**

Niobium Effects on the Austenitic Grain Growth and Hardenability of Steels for Mechanical Construction.
DE85780388 **17**-*538,262* PC **A02**/MF **A01**

**INIS-BR-223**

Electron Paramagnetic Resonance of V exp 4 + in the Lanthanum and Cerium Orthophosphates.
DE85780373 **17**-*539,488* PC **A05**/MF **A01**

**INIS-BR-224**

Some Characteristics of the CR-39 Solid State Nuclear Track Detector for Protons and Low Energy alpha Particles.
DE85780488 **16**-*536,584* PC **A04**/MF **A01**

**INIS-BR-225**

Special Relativity of Kaluza-Klein.
DE85781250 **24**-*556,961* PC **A02**/MF **A01**

**INIS-BR-226**

Ten Lectures on Kaluza-Klein Theory.
DE85781251 **24**-*556,962* PC **A06**/MF **A01**

**INIS-BR-227**

Aspects of High-Dimensional Theories in Embedding Spaces.
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**INIS-BR-228**

Abstracts of the 9th. Colloquium of the Brazilian Society of Electron Microscopy.
DE85780975 **25**-*557,992* PC **A06**/MF **A01**

**INIS-BR-229**

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DE85781257 **24**-*555,349* PC **A07**/MF **A01**

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DE85781247 **24**-*556,884* PC **A11**/MF **A01**

**INIS-BR-231**

Somatic Risks by Photon Irradiation.
DE85780978 **24**-*555,200* PC **A06**/MF **A01**

**INIS-BR-232**

Study of Absorbed Dose Distribution to High Energy Electron Beams.
DE85780980 **24**-*556,771* PC **A06**/MF **A01**

**INIS-BR-233**

Report of Activities of the Radiation Medicine Sector - 1983.
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**INIS-BR-234**

Frontiers and Critical Exponents in Percolation and Ising and Potts Ferromagnets: Renormalization Group and Others Techniques.
DE85781258 **24**-*557,055* PC **A13**/MF **A01**

**INIS-BR-235**

Proposal of a Model for Dose and Hazard Calculation Due to Rn-222, Rn-220 and Its Short Half-Life Daugthers Inhalation.
DE85780979 **25**-*559,105* PC **A07**/MF **A01**

**INIS-BR-236**

Systematical Study of Spallation Reaction.
DE85780973 **22**-*551,630* PC **A07**/MF **A01**

**INIS-BR-237**

Dynamical Systems with Constraints: Applications to the Non-Holonomical Systems and the String Theory.
DE85781255 **24**-*556,885* PC **A07**/MF **A01**

**INIS-BR-238**

Exact Solution in Einstein-Cartan.
DE85781253 **24**-*556,964* PC **A05**/MF **A01**

**INIS-BR-239**

Nonlinear Symmetry Realizations and the Generalized CP Sup(n-1) Model.
DE85781256 **24**-*556,886* PC **A06**/MF **A01**

**INIS-BR-240**

Quasi-Maxwellian Gravitation Equations: Application to the Perturbations of the Friedmann Cosmological Models.
DE85781254 **24**-*556,965* PC **A06**/MF **A01**

**INIS-BR-241**

Electrical Resistivity of the Ce (Fe sub(1-X) Al sub(X)) sub 2 Intermetallic Compounds (X < = 0,20).
DE85781259 **24**-*557,056* PC **A07**/MF **A01**

**INIS-BR-242**

Spin-Peierls Instability and Incommensurability in the XY Model-Dynamical and Thermodynamical Properties.
DE85781260 **24**-*557,057* PC **A08**/MF **A01**

**INIS-BR-243**

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DE85780974 **25**-*557,991* PC **A08**/MF **A01**

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DE85781261 **24**-*555,332* PC **A05**/MF **A01**

**INIS-BR-247**

Film Condensation on a Porous Vertical Surface in a Porous Media.
DE85781442 **25**-*559,419* PC **A02**/MF **A01**

**INIS-BR-249**

Thermal-Hydraulic and Neutronic Analysis of Pressurized Water Reactor Cores.

DE85781418 **25**-*559,284* PC **A06**/MF **A01**

**INIS-BR-250**
Quince Tree (Cydonia Oblonga Mill.)-Breeding Bases: Seed Propagation, Cytogenetics and Radiosensitivity.
DE85781449 **25**-*557,822* PC **A08**/MF **A01**

**INIS-BR-251**
Color Centers in KCN: Ferro-Elastic Alignment and Free Optical Absorption of Phonons.
DE85701422 **22**-*551,252* PC **A06**/MF **A01**

**INIS-BR-252**
Pion Photoproduction in Nucleons at Low Energies.
DE85701440 **22**-*551,598* PC **A05**/MF **A01**

**INIS-BR-253**
Specific Heat Measurements in KCN:KCL Mixed Crystals.
DE85701423 **22**-*551,791* PC **A06**/MF **A01**

**INIS-BR-254**
Experimental Display of Fourier Analysis Through the Optical Physics and Its Didactical Utilization.
DE85701393 **22**-*551,330* PC **A07**/MF **A01**

**INIS-BR-255**
Evaluation and Reffinement of the Neutronic Calculation Methodology.
DE85781433 **25**-*559,349* PC **A05**/MF **A01**

**INIS-BR-256**
Calculation of Pressure Drop and Flow Redistribution in the LMFBR Core.
DE85781428 **25**-*559,292* PC **A09**/MF **A01**

**INIS-BR-257**
Study of Fatigue Crack Propagation in Laminated Metal Composites Aluminium 1100/Aluminium 2024.
DE85781439 **25**-*558,397* PC **A11**/MF **A01**

**INIS-BR-258**
Origin and Control of the Camamu Barite Deposit (BA).
DE85781448 **25**-*558,069* PC **A07**/MF **A01**

**INIS-BR-259**
Thermal Behavior Simulation of a Nuclear Fuel Rod Through an Electrically Heated Rod.
DE85781435 **25**-*559,293* PC **A08**/MF **A01**

**INIS-BR-260**
Proceedings of the 4TH. Brazilian Meeting on Reactor Physics, Held at Itaipava, Brazil on 3 November 1983.
DE85781434 **25**-*559,350* PC **A20**/MF **A01**

**INIS-BR-261**
Operation of a Semi-Industrial Plant for the Production of UO sub 3.
DE85781473 **25**-*559,332* PC **A07**/MF **A01**

**INIS-BR-262**
Statistical Treatment of Geochemical Data and Its Application in the Geologic Mapping and in the Definition of the Geochemical Anomalies in the Alvo 2-Corpo 4 -Provincia Mineral de Carajas.
DE85781511 **25**-*558,118* PC **A06**/MF **A01**

**INIS-BR-263**
Methodology for the Determination of Underground Water Velocity, Direction and Flow, by Using Radioactive Tracers.
DE85781478 **25**-*558,076* PC **A07**/MF **A01**

**INIS-BR-264**
Analytical Resolution of the Mixture TBP-HDBP-H sub 2 MBP-H sub 3 PO sub 4 . Application to the System UO sub 2 (NO Sub 3 ) sub 2 -HNO sub 3 -TBP-Diluent.
DE85781474 **25**-*559,333* PC **A10**/MF **A01**

**INIS-BR-265**
Deposition and Characterization of (Cd sub(X) Zn sub(1-X)) S Thin Films.
DE85781469 **25**-*559,399* PC **A05**/MF **A01**

**INIS-BR-266**
Study of the Radiolysis of Tetracycline Hydrochloride in Powder Form, in Aqueous Solutions and in Benzyl Alcohol, at 77K, by Electron Paramagnetic Resonance Spectroscopy.
DE85781472 **25**-*557,772* PC **A09**/MF **A01**

**INIS-BR-267**
Preparation and Study of the Properties of Indium Phosphide Thin Films Impregnated with Cadmium and Zinc.
DE85781460 **25**-*559,398* PC **A05**/MF **A01**

**INIS-BR-268**
Determination of Zirconium and Hafnium by X-Ray Fluorescence Analysis.
DE85781461 **25**-*557,877* PC **A02**/MF **A01**

**INIS-BR-269**
Nuclear Energy Insertion in the Brazilian Electric System - Institutional and Legal Aspects.
DE85781494 **25**-*559,068* PC **A03**/MF **A01**

**INIS-BR-270**
Air Quality Evaluation of Critical and Natural Brazilian Areas.
DE85781479 **25**-*558,644* PC **A06**/MF **A01**

**INIS-BR-271**
Water Loop for Training. Manual of Operation.
DE85781485 **25**-*559,067* PC **A04**/MF **A01**

**INIS-BR-272**
Contribution to the Study of the Biological Dosimetry in Clinical Radiopathology.
DE85781482 **25**-*557,824* PC **A06**/MF **A01**

**INIS-BR-273**
Determination of Nickel in Chloralkali Electrolysis Brines by X-Ray Fluorescence Spectrometry on a Membrane Filter.
DE85781518 **25**-*557,878* PC **A02**/MF **A01**

**INIS-BR-274**
Contribution to Chemical-Mineralogical Study of Carbonatites. 1. Samples from Jacupiranga (SP,Brazil) and Alto Pinheiros (SC,Brazil).
DE85781462 **25**-*558,057* PC **A02**/MF **A01**

**INIS-BR-275**
Semi-Quantitative Spectrographic Determination of Traces of Elements in Igneous Rocks.
DE85781519 **25**-*558,060* PC **A02**/MF **A01**

**INIS-BR-276**
Surface Materials as Reference Standards. Preliminary Results.
DE85781463 **25**-*558,058* PC **A02**/MF **A01**

**INIS-BR-277**
Occurrence and Trace Analysis of Sc and Y Associated to Natural Hydroxy - Phosphates.
DE85781464 **25**-*558,000* PC **A02**/MF **A01**

**INIS-BR-278**
Proceedings of the 4th. Japan - Brazil Symposium on Science and Techology. Vol. 1.
DE85781465 **25**-*557,896* PC **A17**/MF **A01**

**INIS-BR-279**
Proceedings of the 4th. Japan - Brazil Symposium on Science and Technology. Vol. 4.
DE85781265 **25**-*558,961* PC **A10**/MF **A01**

**INIS-BR-280**
Abstracts of the 1st. Brazilian Meeting on Mass Spectroscopy.
DE85781466 **25**-*558,001* PC **A02**/MF **A01**

**INIS-BR-281**
Thermal-Hydraulic Analysis of PWR Cores in Transient Condition.
DE85781490 **25**-*559,294* PC **A09**/MF **A01**

**INIS-BR-282**
Mapping of Uranium and Thorium in Radioactive Rocks Using Nuclear Track Solid Detectors.
DE85781467 **25**-*558,059* PC **A07**/MF **A01**

**INIS-BR-283**
Qualification of the New Version of HAMMER Computer Code.
DE85781583 **25**-*559,352* PC **A05**/MF **A01**

**INIS-BR-284**
Development of a System of Programs HAMMER - ORIGEN - 2 System.
DE85781584 **25**-*559,353* PC **A04**/MF **A01**

**INIS-BR-285**
Two-Dimensional Simulator of the Neutronic Behaviour of Low Power Fast Reactors.
DE85781579 **25**-*559,351* PC **A05**/MF **A01**

**INIS-BR-286**
Application of Multiple Scattering Theory in Electron Dosimetry.
DE85781564 **25**-*557,834* PC **A06**/MF **A01**

**INIS-BR-287**
Application of a Circulation Model in Bays. Using the Finite Element Method.
DE85781573 **25**-*558,043* PC **A06**/MF **A01**

**INIS-BR-288**
Lyoluminescence Dosimetry of the Radiation in Industrial Doses.
DE85781572 **25**-*559,041* PC **A07**/MF **A01**

**INIS-CL-001**
Comparative Study of Radiopharmaceuticals as Radiodiagnostic Agent of Cardiac Damage in Rats.
DE85780478 **15**-*533,303* PC **A06**/MF **A01**

**INIS-MF-4278**
Treatment of Mo-U Ore of Pocos de Caldas (Minas Gerais, Brazil).
INIS-MF-4278 **20**-*545,152* MF **A01**

**INIS-MF-4286**
Development of Work on the Treatment of Radioactive Wastes at IPR (Instituto de Pesquisas Radioativas, Minas Gerais, Brazil).
INIS-MF-4286 **20**-*546,275* PC **A02**/MF **A01**

**INIS-MF-4754(NO.23)**
International Bulletin on Atomic and Molecular Data for Fusion. No. 23.
DE84780366 **03**-*507,670* PC **A04**/MF **A01**

**INIS-MF-4754(NO.24)**
International Bulletin on Atomic and Molecular Data for Fusion. No. 24.
DE84780556 **06**-*514,190* PC **A05**/MF **A01**

**INIS-MF-4754-NO.25**
International Bulletin on Atomic and Molecular Data for Fusion. No. 25.
DE85701170 **20**-*546,880* PC **A04**/MF **A01**

**INIS-MF-4754-NO.26**
International Bulletin on Atomic and Molecular Data for Fusion. No. 26.
DE85781018 **22**-*551,064* PC **A04**/MF **A01**

**INIS-MF-4754-NO.27**
International Bulletin on Atomic and Molecular Data for Fusion. No. 27.
DE85781266 **25**-*559,714* PC **A04**/MF **A01**

**INIS-MF-5658**
Environmental Radioactivity in Slovakia/Czechoslovakia in 1961 to 1975.
INIS-MF-5658 **01**-*502,243* PC **A11**/MF **A01**

**INIS-MF-6135**
Decree No. 80-204 of 11 March 1980 Concerning Mining Rights.
INIS-MF-6135 **20**-*545,153* PC **A02**/MF **A01**

**INIS-MF-6154**
Amendments to the Nuclear Installations, Fissionable Materials and Ores Decree; General Administrative Order of 26 April 1972, Stb. 1972, 242.
INIS-MF-6154 **20**-*546,438* PC **A02**/MF **A01**

**INIS-MF-6305**
Safety Research in the Field of Energy Production. Plan for Continued Nordic Projects.
INIS-MF-6305 **20**-*546,276* PC **A07**/MF **A01**

**INIS-MF-6317**
Value of the X-Ray Examination.
INIS-MF-6317 **20**-*544,800* PC **A08**/MF **A01**

**INIS-MF-6359**
Eldorado Nuclear Limited Annual Report 1979.
INIS-MF-6359 **20**-*545,154* PC **A03**/MF **A01**

**INIS-MF-6412**
Radiation Exposure Due to Nuclear Power. Scientific Contributions.
INIS-MF-6412 **20**-*544,888* PC **A06**/MF **A01**

**INIS-MF-6478**
Genetically Significant Dose to the Population of Turkey from Roentgen Examination.
DE81700505 **20**-*544,872* PC **A04**/MF **A01**

**INIS-MF-6594**
Development of the alpha -Decay Theory of Spherical Nuclei by Means of the Shell Model.
DE81700455 **20**-*546,618* PC **A03**/MF **A01**

**INIS-MF-6595**
Contributions on Fast Electronics Advancement in Charged Particles and gamma Radiation Spectrometry.
DE81700539 **20**-*546,117* PC **A03**/MF **A01**

**INIS-MF-6596**
Contributions to the Theory of Band Ferromagnetism.
DE81700404 **20**-*546,975* PC **A02**/MF **A01**

**INIS-MF-6597**
Contributions to the Study of Positive Ion Kinetics in Gases.
DE81700413 **20**-*545,373* PC **A03**/MF **A01**

**INIS-MF-6598**
Contributions to the Study of Heavy and Superheavy Nuclei Stability in alpha-Decay.
DE81700456 **20**-*546,619* PC **A03**/MF **A01**

**INIS-MF-6599**
Contributions to the Study of Photons Electric Scattering on the Nucleon at Low and Intermediate Energies.
DE81700444 **20**-*546,613* PC **A03**/MF **A01**

**INIS-MF-6600**
Small-Angle Elastic Scattering of 40 and 50 GeV/C Negative Pions on Protons.
DE81700445 **20**-*546,614* PC **A03**/MF **A01**

**INIS-MF-6631**
Band Structures in exp 152 Sm and exp 156 Gd Studied by Means of the (Chemically Bond, 2NLT. Slash) Reaction.
DE82780025 **20**-*546,630* PC **A07**/MF **A01**

**INIS-MF-6641**
Guide to the Conduct of Public Meetings as Part of the Public Information Process for Uranium and Thorium Mine-Mill Facilities. Regulatory Guide.
DE81700552 **20**-*544,705* PC **A02**/MF **A01**

**INIS-MF-6642**
Guidelines for the Medical Surveillance of Atomic Radiation Workers at Uranium Mines, Mills and Refineries. Regulatory Guide.
DE81700553 **20**-*544,783* PC **A02**/MF **A01**

**INIS-MF-6643**
Guidelines for the Measurement of Airborne Radon Daughters in Mines. Regulatory Guide.
DE81700506 **20**-*544,873* PC **A02**/MF **A01**

**INIS-MF-6644**
Guide to the Bioassay of Uranium at Uranium Mine-Mill Facilities. Regulatory Guide.
DE81700507 **20**-*544,838* PC **A02**/MF **A01**

**INIS-MF-6645**
Some Elementary Mechanics of Explosive and Brittle Failure Modes in Prestressed Containments.
DE81700527 **20**-*546,317* PC **A04**/MF **A01**

**INIS-MF-6646**
Inelastic Analysis of Prestressed Concrete Secondary Containments.

# 1985 NTIS ORDER/REPORT NUMBER INDEX

DE81700528 **20**-*546,318* PC **A13**/MF **A01**

**INIS-MF-6647**

Effective Uniaxial Tensile Stress-Strain Relationship for Prestressed Concrete.
DE81700529 **20**-*546,319* PC **A05**/MF **A01**

**INIS-MF-6648**

Analysis of Prestressed Concrete Wall Segments.
DE81700530 **20**-*546,320* MF **A01**

**INIS-MF-7808**

Novel Temperature Sensors Developed at BNL Using Mineral Insulated Cable.
DE83780754 **24**-*556,130* PC **A02**/MF **A01**

**INIS-MF-7949**

Survey of Operational Instrumentation and Control Concepts in Nuclear Power Plants.
DE83780719 **24**-*556,469* PC **A02**/MF **A01**

**INIS-MF-8241**

Radioimmunoassay of Renin in Human Renal Tissues. Methodic and Diagnostic Studies.
DE83704629 **02**-*503,300* PC **A04**/MF **A01**

**INIS-MF-8256**

Subcellular Distribution of sup 239 Pu, sup 241 Am and sup 59 Fe in the Liver of Rat and Chinese Hamster as Dependent on Time.
DE83704628 **02**-*503,299* PC **A07**/MF **A01**

**INIS-MF-8259**

Biochemical Studies of the Ammonia Detoxification in Irradiated Chicken Embryos.
DE83704627 **02**-*503,440* PC **A04**/MF **A01**

**INIS-MF-8278**

Fuel Reprocessing: Citizens' Questions and Experts' Answers.
DE83704747 **03**-*507,169* PC **A05**/MF **A01**

**INIS-MF-8282**

Electron Density Distribution in alpha -Oxalic Acid Dihydrate. An X-Ray and Neutron Scattering Investigation at Low Temperatures.
DE83704730 **02**-*504,852* PC **A11**/MF **A01**

**INIS-MF-8289**

Comparative Studies on Anthraquinone Retention Following the Soda/Anthraquinone Process Using exp 14 C-Labelled Anthraquinone, and Mode of Action of Anthraquinone on Lignins and Lignin Model Components.
DE84700216 **03**-*505,863* PC **A11**/MF **A01**

**INIS-MF-8298**

Development of a Discrete-Ordinate Approximation of the Neutron Transport Equation for Coupled Xy-R-Geometry.
DE84700222 **03**-*507,209* PC **A06**/MF **A01**

**INIS-MF-8303**

Development of a One-Dimensional Computer Code Describing the Convection in Arbitrary Flow Networks. Computer Study of the Flow Characteristics of the HHT Demonstration Plant During Afterheat Removal and after Failure of the Afterheat Removal System.
DE84700224 **03**-*507,122* PC **A06**/MF **A01**

**INIS-MF-8306**

Metallic Materials for Heat Exchanger Components and Highly Stressed Internal of HTR Reactors for Nuclear Process Heat Generation. Proceedings.
DE84700225 **03**-*507,178* PC **A16**/MF **A01**

**INIS-MF-8308**

(Nuclear) Energy Policy in Future. Results of Parliamentary Opinion-Forming and Decision-Making.
DE84700219 **03**-*506,993* PC **A09**/MF **A01**

**INIS-MF-8313**

Intestinal Absorption of Calcium and Magnesium in Rats.
DE84700215 **03**-*505,667* PC **A07**/MF **A01**

**INIS-MF-8315**

Bulk Protein Biosynthesis of the Spleen and Some Splenic Cell Populations after Induction of Splenomegaly by Application of Bordetella Pertussis. Liquid Scintillation Photometry and Histoautoradiography in Mice Using exp 3 H-L Phenyl Alanine.
DE84700217 **03**-*505,635* PC **A04**/MF **A01**

**INIS-MF-8316**

Production of Antibodies Against Secretin and Their Use for Radioimmunoassay of Secretin.
DE84700218 **03**-*505,668* PC **A07**/MF **A01**

**INIS-MF-8319**

Contribution to the Future Prospect of Uranium Laser-Isotope Separation.
DE84780311 **01**-*502,140* PC **A07**/MF **A01**

**INIS-MF-8339**

Measurement of Multi-Differential Electron Distributions of an Electron Beam in Nitrogen.
DE84701915 **09**-*518,778* PC **A05**/MF **A01**

**INIS-MF-8342**

Secondary Electron Spectra in the Trace of Fast Ions in Water Vapor.
DE84701919 **09**-*520,316* PC **A04**/MF **A01**

**INIS-MF-8344**

Examination of the Density Dependence of the Slowing-down Cross Section of Liquid Ethane for sup 7 Li-Projectiles.
DE84701916 **09**-*520,313* PC **A04**/MF **A01**

**INIS-MF-8347**

HFB + NQP-Method for the Description of the Rotational Bands of Deformed Nuclei.
DE84780232 **09**-*520,450* PC **A07**/MF **A01**

**INIS-MF-8349**

Examination of the Resonance Structure of sup 32 S + n by Measurement of the Total Cross Section and the Elastic Neutron Scattering.
DE84701917 **09**-*520,314* PC **A07**/MF **A01**

**INIS-MF-8350**

Measurement of the Triple Differential Cross Section for the Ionization of Inner Shells by Relativistic Electron Impact.
DE84701918 **09**-*520,315* PC **A04**/MF **A01**

**INIS-MF-8366**

Supplement to the Materials of Part 26.
DE84780074 **03**-*507,108* PC **A12**/MF **A01**

**INIS-MF-8390**

Search for Parity Violation in the 1081 KeV gamma -Transition of sup 18 F.
DE84780258 **01**-*502,521* PC **A06**/MF **A01**

**INIS-MF-8394**

Natural Sulfur-38 - Tracer for SO sub 2 -Oxidation.
DE84780264 **01**-*501,063* PC **A03**/MF **A01**

**INIS-MF-8398**

Judicial Action and Technical Risk.
DE84700530 **03**-*506,994* PC **A12**/MF **A01**

**INIS-MF-8476**

Structure Damage Processesand Fault Diagnostics. Vol. 1. National ICF Conference.
DE84780002 **01**-*501,549* PC **A03**/MF **A01**

**INIS-MF-8477**

Mobile Measuring Systems. National Seminar MOMES 81.
DE84780003 **01**-*502,254* PC **A10**/MF **A01**

**INIS-MF-8478**

Mobile Measuring Systems. Supplement.
DE84780004 **01**-*502,255* PC **A03**/MF **A01**

**INIS-MF-8495**

Transport of Plutonium Nitrate.
DE83703490 **02**-*504,635* PC **A02**/MF **A01**

**INIS-MF-8537**

Proceedings of the 3. Austrian - Italian - Yugoslav Chemical Engineering Conference. 276. Event of the European Federation of Chemical Engineering. Volume 1.
DE84780008 **03**-*505,810* PC **A24**/MF **A01**

**INIS-MF-8641**

Radiation Biology II. Proceedings of National Radiobiology Conference.
DE84780084 **01**-*500,853* PC **A06**/MF **A01**

**INIS-MF-8649**

Nuclear Energy - What Do You Know About It.
DE84780051 **01**-*502,175* PC **A08**/MF **A01**

**INIS-MF-8667**

Application of Solid State Nuclear Track Detectors (SSNTD).
DE84700228 **03**-*506,970* PC **A05**/MF **A01**

**INIS-MF-8678**

Cost of Electricity Production from Nuclear Energy in the Netherlands.
DE84700529 **03**-*506,334* PC **A06**/MF **A01**

**INIS-MF-8679**

Cost Comparison of Electricity from Coal and Nuclear Energy Centres.
DE84700528 **03**-*506,333* PC **A04**/MF **A01**

**INIS-MF-8700**

Reflux Capsule Steam Generator for Sodium Cooled Reactors.
DE84780129 **03**-*507,140* PC **A03**/MF **A01**

**INIS-MF-8703**

Seventh Conference of Czechoslovak Physicists. Part 1. Vol. 1.
DE84780103 **03**-*507,598* PC **A08**/MF **A01**

**INIS-MF-8705**

Universal Multiprocessor System for the Fast Acquisition and Processing of Positron Camera Data.
DE84780217 **01**-*500,788* PC **A07**/MF **A01**

**INIS-MF-8718**

Study of the gamma - and Particle Decay of High Spin States in sup 27 Al.
DE84780259 **01**-*502,522* PC **A05**/MF **A01**

**INIS-MF-8731**

Cost-Benefit Analyses for the Retention of Tritium, Carbon 14 and Krypton 85 from Plants Reprocessing LWR Fuel Elements.
DE84780261 **01**-*502,213* PC **A06**/MF **A01**

**INIS-MF-8740**

Neutron- and X-Ray Diffraction Investigations for the Metallic Glasses Ni sub 81 B sub 19 and Co sub 80 P sub 20.
DE84780369 **01**-*502,360* PC **A05**/MF **A01**

**INIS-MF-8748**

Powder Metallurgical Production of Nb sub 3 Sn and V sub 3 Ga Fiber-Reinforced Composite Superconductors.
DE85780305 **15**-*534,005* PC **A04**/MF **A01**

**INIS-MF-8749**

Histological and Autoradiographic Studies on Rat Joints after Experimental Nervous Shock.
DE85780312 **15**-*533,453* PC **A06**/MF **A01**

**INIS-MF-8750**

Semi-Inclusive Hadron Production in the Deep Inelastic mu p Scattering. Results of Experiments of the European Muon Collaboration.
DE84780332 **03**-*507,600* PC **A05**/MF **A01**

**INIS-MF-8752**

Selected Aspects of Non-Destructive Testing of Reactor Components. Preprints.
DE84780354 **01**-*502,256* PC **A18**/MF **A01**

**INIS-MF-8754**

Polarzation Effects on ( sup 3 He,p) Reactions on sup 3 He and sup 6 Li.
DE85780308 **15**-*534,971* PC **A03**/MF **A01**

**INIS-MF-8756**

Studies to Optimize Radioimmunoassay for Progesterone and Estradiol (E Sub 2 ) with Reference to Its Application in the Ovulatory Stimulation with HMG and HCG.
DE85780314 **15**-*533,279* PC **A04**/MF **A01**

**INIS-MF-8758**

Influence of Gluonic Operators on QCD Sum Rules for Baryons.
DE85780317 **15**-*534,976* PC **A04**/MF **A01**

**INIS-MF-8761**

Fluorescence Microscopic Studies of Radiation-Induced Changes of Binding Capacity of Murine Lymphocyte Membranes for Immunoglobulin in the Mouse.
DE85780319 **15**-*533,440* PC **A05**/MF **A01**

**INIS-MF-8762**

Comparative Study of Conventional PAH and Inulin Clearance and Slope Clearance of exp 131 I-O-Hippuric Acid and sup 51 Cr-EDTA.
DE85780320 **15**-*533,280* PC **A06**/MF **A01**

**INIS-MF-8763**

Protection Commission of the Federal Minister of the Interior. Papers.
DE85780313 **15**-*533,278* PC **A11**/MF **A01**

**INIS-MF-8764**

Study of One-Nucleon Transfer Reactions with Polarized Deuterons of 20 MeV.
DE85780307 **15**-*534,970* PC **A07**/MF **A01**

**INIS-MF-8765**

Study of the sup 232 Th ( alpha , alpha 'F)-Reaction at 50 MeV Incident Energy.
DE85780311 **15**-*534,974* PC **A06**/MF **A01**

**INIS-MF-8766**

Phenomenological Analysis of the Pion-Nucleon Scattering in the High Energy Region.
DE85780318 **15**-*534,977* PC **A07**/MF **A01**

**INIS-MF-8767**

Measurement of the Electroweak Charge Asymmetry of the Cross Section of the Deep Inelastic Scattering of Muons on Carbon at 200 GeV Beam Momentum.
DE85780324 **15**-*534,978* PC **A10**/MF **A01**

**INIS-MF-8768**

Off Shell N = 1 Supergravity Theory in Six Dimensions.
DE85780323 **15**-*535,058* PC **A03**/MF **A01**

**INIS-MF-8769**

Development and Construction of Large-Area Ionization Chambers for the Study of Multiparticle Production in Heavy Ion Reactions.
DE85780315 **16**-*536,836* PC **A06**/MF **A01**

**INIS-MF-8770**

Study of Two-Particle Correlations for the Lifetime Determination on Highly Excited sup 70 Ge Compound Nuclei.
DE85780309 **15**-*534,972* PC **A05**/MF **A01**

**INIS-MF-8771**

Sequential Emission of Fast Neutrons from the Reaction 7.5 - 9 MeV/U sup 16 O + sup 64 Ni in the Quasi-Elastic and Deep Inelastic Energy Range.
DE85780310 **15**-*534,973* PC **A04**/MF **A01**

**INIS-MF-8772**

Delta-Electron Spectroscopy: An Aid for the Determination of Reaction Times in Heavy Ion Reactions.
DE85780354 **15**-*534,982* PC **A04**/MF **A01**

**INIS-MF-8773**

Design of Reactor Internals in Larger High-Temperature Reactors with Spherical Fuel Elements.
DE85780330 **16**-*536,659* PC **A24**/MF **A01**

**INIS-MF-8774**

Measurement of Direct Electron Production in Proton-Proton Collisions at the CERN ISR.
DE85780306 **15**-*534,969* PC **A06**/MF **A01**

**INIS-MF-8775**

Measurement of the Depolarization of the Reaction sup 27 Al (P Vector, p Vector.) sup 27 Al for the Study of the Spin-Spin Potential.
DE85780325 **20**-*546,814* PC **A04**/MF **A01**

**IS-MF-8776**

Nuclear Spin Depolarization and Nuclear G-Factors of Isomeric States in the Neutron-Rich Fission Fragments sup 134 Te, sup 135 Te, and sup 136 Xe.

DE85780326 **15**-*534,979* PC **A24**/MF **A01**

**IS-MF-8777**

Therapy-Induced Damage in Teeth, Mouth, and Jaws after Radiotherapy.

DE85780336 **15**-*533,283* PC **A05**/MF **A01**

**IS-MF-8778**

Radioimmunoassay of Fibrinopeptide A: Modifications of Technique and Clinical Trials.

DE85780327 **15**-*533,281* PC **A05**/MF **A01**

**IS-MF-8779**

Results of Mammographic Examinations within a Period of Three Years.

DE85780329 **15**-*533,282* PC **A04**/MF **A01**

**IS-MF-8780**

Civil Defense Commission of the Federal Minister of the Interior. Conference Papers (1980).

DE85780322 **15**-*534,437* PC **A09**/MF **A01**

**IS-MF-8781**

Scattering Theory for Time-Dependent Hamiltonians Asymptotically Constant in Time.

DE85780316 **15**-*534,975* PC **A03**/MF **A01**

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DE85780328 **17**-*537,573* PC **A04**/MF **A01**

**IS-MF-8783**

Cbservations of Fast, Transient gamma-Ray Phenomena.

DE84780561 **09**-*518,418* PC **A10**/MF **A01**

**IS-MF-8784**

Risk-Oriented Analysis of SNR 300. Radionuclide Release in High-Energy Bethe-Tait-Conditions, Consequences of Accidents, Comparison of Accident Consequences of SNR 300 and PWR-Type Reactors.

DE85780321 **17**-*538,935* PC **A06**/MF **A01**

**IS-MF-8785**

Determination of Energy Absorbed During X-Ray Exposure of the Forearm by Means of Thermoluminescent Dosimetry.

DE84780580 **08**-*516,196* PC **A05**/MF **A01**

**NIS-MF-8786**

Comparative Studies on Virus Detection in Acute Respiratory Diseases in Humans by Means of RIA and Cultivation.

DE84780593 **10**-*521,472* PC **A04**/MF **A01**

**NIS-MF-8787**

Investigations on the Production of Labelled Organic Compounds by Recoil Labelling with gamma,N-Produced 11-C-Atoms.

DE84780570 **09**-*518,890* PC **A05**/MF **A01**

**NIS-MF-8789**

Study of the Giant Dipole Resonance by Nuclear Resonance Fluorescence Below the Particle Threshold.

DE84780566 **09**-*520,455* PC **A05**/MF **A01**

**NIS-MF-8791**

Experimental and Clinical Investigations of a TSH Radioimmunoassay.

DE84780594 **10**-*521,473* PC **A05**/MF **A01**

**NIS-MF-8792**

Clinical Symptoms, Diagnosis and Course of Chronic T-Cell-Type Lymphadenosis.

DE84780601 **10**-*521,479* PC **A05**/MF **A01**

**NIS-MF-8793**

Surgical, Radio and Immunotherapy of Syngeneic Tumors in Mice.

DE84780574 **09**-*518,641* PC **A06**/MF **A01**

**NIS-MF-8794**

Early Post-Traumatic Epilepsy Following Serious Craniocerebral Trauma, with Emphasis on EEG and CT Findings. A Contribution to Pathogenesis of Post-Traumatic Fits.

DE84780584 **20**-*544,784* PC **A04**/MF **A01**

**NIS-MF-8796**

Formation of Tritium in Nuclear Reactions with Light Charged Projectiles in the Energy Range Up to 100 MeV.

DE84780563 **09**-*520,452* PC **A05**/MF **A01**

**NIS-MF-8799**

Determination of the Uptake Rates of the Bone for 99M-Tc-Methylene diphosphonate by Means of gamma-Camera-Scintiscanning and Checking Its Diagnostic Value for Various Skeleton Diseases.

DE84780595 **10**-*521,628* PC **A04**/MF **A01**

**NIS-MF-8800**

Contribution of X-Ray Screening to Radiation Exposure of Patients.

DE84780581 **08**-*516,197* PC **A05**/MF **A01**

**NIS-MF-8801**

Quantitative Skeletal Scintiscanning of the Skull with Tc-99M-SN-Pyrophosphate on Patients with Squamous Cell Carcinoma in the Region of the Paranasal Sinuses and the Base of the Skull.

DE84780596 **10**-*521,474* PC **A06**/MF **A01**

**INIS-MF-8802**

In Vivo Measurement of the Cell Decay Rate in Rabbit Skin after Labelling with 5( Sup 125 I)Iodo-2'-Desoxyuridine. A Model to Define Experimental Skin Burns.

DE84780576 **05**-*510,979* PC **A04**/MF **A01**

**INIS-MF-8804**

Clinical Value of Angiography in Diseases of the Epigastric Organs.

DE84780585 **10**-*521,468* PC **A06**/MF **A01**

**INIS-MF-8805**

Examinations with Computerized Cranial Axial Tomography Carried out on Patients with Epileptic Seizures, Taking into Consideration the EEG and the Clinical Picture.

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**INIS-MF-8806**

About the Dynamics of Statistical Fluctuations at Fission.

DE84780562 **09**-*520,451* PC **A06**/MF **A01**

**INIS-MF-8807**

Fast Axonal Transport of 3H-Leucin-Labelled Proteins in the Unhurt and Isolated Optical Nerve of Rats.

DE84780578 **05**-*510,968* PC **A05**/MF **A01**

**INIS-MF-8808**

X-Ray Examination of Functional Disturbances in Patients with Parodontopathies.

DE84780587 **10**-*521,469* PC **A04**/MF **A01**

**INIS-MF-8809**

In Vivo Determination of the Thyroid Volume: Comparison of Existing and New Nuclear-Medical Methods Using a Sonographic Reference Method.

DE84780597 **10**-*521,475* PC **A04**/MF **A01**

**INIS-MF-8810**

Estimation of the Radiation Dose in Radioiodine Therapy for Eliminating the Thyroid, the Primary Tumour, or Its Metastases.

DE84780582 **08**-*516,198* PC **A04**/MF **A01**

**INIS-MF-8811**

Standardization of Lesions of External Bone Ligaments.

DE84780588 **10**-*521,626* PC **A04**/MF **A01**

**INIS-MF-8813**

Indication of Computerized Tomography in Patients with Hypernephroma - Analysis of the Findings During the Post-Treatment.

DE85780341 **15**-*533,284* PC **A05**/MF **A01**

**INIS-MF-8814**

Application of Acoustic Emission Testing as a Non-Destructive Quality Control of Concrete.

DE85780351 **17**-*538,588* PC **A06**/MF **A01**

**INIS-MF-8815**

Diagnosis and Surgical Therapy of Pancreas Tumors.

DE85780342 **15**-*533,285* PC **A07**/MF **A01**

**INIS-MF-8816**

Kalkar Fast Breeder: Decision of the Bundestag Concerning Start-Up.

DE85780352 **17**-*539,116* PC **A10**/MF **A01**

**INIS-MF-8817**

Side Effects after Myelography with Dimer Xsup(R) (Iocarmat) with Subsequent Positioning of the Patients in the Sitting or Lying Position.

DE85780343 **15**-*533,286* PC **A05**/MF **A01**

**INIS-MF-8818**

Dependence of the Seriousness of the Ischaemic Reaction in Exercise ECGs and the Left-Ventricular Disfunction Determined by Means of Angiography on the Extent of Stenosing Coronary Sclerosis.

DE85780344 **15**-*533,287* PC **A04**/MF **A01**

**INIS-MF-8819**

Behaviour of Quantum Mechanical Systems under Continuous Measurement: Watchdog Effect and Master Equation.

DE85780012 **09**-*520,674* · PC **A05**/MF **A01**

**INIS-MF-8820**

Duodenal X-Ray Diagnostics.

DE85780782 **19**-*542,560* PC **A05**/MF **A01**

**INIS-MF-8821**

Risk Indicators in Coronary Cardiac Disease and Occlusive Disease of the Peripheral Arteries: Comparative Coronary and Peripheral Angiography - Total Angiography - in 160 Patients.

DE85780781 **19**-*542,559* PC **A08**/MF **A01**

**INIS-MF-8822**

Investigations into the Post-Natal Development of Demethylating Enzyme Systems by Determination of Carbon Dioxide 14 in the Air Exhaled by Mice after Applications of Carbon 14 Dimethyl Amino-Antipyrine.

DE85780780 **19**-*542,558* PC **A04**/MF **A01**

**INIS-MF-8823**

Frequency and Importance of Radiologically Visible Coronary Scleroses.

DE85780273 **15**-*533,258* PC **A04**/MF **A01**

**INIS-MF-8825**

Affinity Chromatography of Native and Irradiated Lactate Dehydrogenase.

DE85780335 **15**-*533,576* PC **A04**/MF **A01**

**INIS-MF-8826**

Shape Coexistence in Light Xe-Isotopes.

DE85780333 **15**-*534,981* PC **A07**/MF **A01**

**INIS-MF-8827**

Gamma Spectroscopic Studies of Spherical and Deformed States of the Neutron-Deficient Nuclide sup 71 Se.

DE85780332 **15**-*534,980* PC **A06**/MF **A01**

**INIS-MF-8828**

Spontaneous Intracerebral Haematomas - the Influence of Computerized Tomography on the Results of Surgery.

DE85780345 **15**-*533,288* PC **A04**/MF **A01**

**INIS-MF-8829**

Intracathetal Radiogold Therapy of Leukaemic Children.

DE85780350 **15**-*533,293* PC **A03**/MF **A01**

**INIS-MF-8830**

Histoautoradiographic and Liquid Scintillometric Studies on DNA Synthesis in the Liver, Kidneys, Spleen and Tongue after Bilateral Adrenalectomy in Rats.

DE85780338 **15**-*533,223* PC **A05**/MF **A01**

**INIS-MF-8831**

Non-Immunological Activation of Peritoneal Mast Cells of Rats by Means of Mast Cell Degranulating Peptide from Bee Toxin.

DE85780339 **15**-*533,206* PC **A07**/MF **A01**

**INIS-MF-8832**

Influence of Tri-Iodinated Water Soluble X-Ray Contrast Medium for Uro, Angio and Cholangiography on the Plasmic Coagulation System.

DE85780346 **15**-*533,289* PC **A08**/MF **A01**

**INIS-MF-8833**

Studies to Evaluate Radioimmunoassay of the Placental Hormones HPL and Estriol, and Cardiotocography Including the Oxytocin Tolerance Test for Early Diagnosis of Placental Insufficiency.

DE85780347 **15**-*533,290* PC **A03**/MF **A01**

**INIS-MF-8834**

Radioimmunoassay of Digoxin with the Aid of the Solid Phase - Microtitre Plating Technique. A Contribution to the Minimization of Exposure to Radioactivity During Radioimmunological Examination.

DE85780348 **15**-*533,291* PC **A04**/MF **A01**

**INIS-MF-8835**

Radioimmunoassay of Prostaglandin F in Plasma of Pregnant Women.

DE85780349 **15**-*533,292* PC **A05**/MF **A01**

**INIS-MF-8837**

Autoradiographic Studies on the Kinetics of Fetal Supporting Cells and Wall Cells in Rats 19 Days after Conception.

DE85780340 **15**-*533,224* PC **A03**/MF **A01**

**INIS-MF-8838**

Schneeberg Lung Cancer Cases. A Study of 47 Cases Treated in the Period after World War 2.

DE85780337 **15**-*533,441* PC **A05**/MF **A01**

**INIS-MF-8839**

Numerical Model of the Heat Balance in Flowing Waters Including Thermal Manipulations.

DE85780334 **17**-*537,797* PC **A08**/MF **A01**

**INIS-MF-8840**

Importance of X-Ray Diagnosis of Colorectal Polyps as Compared to the Endoscopic Method.

DE85780356 **15**-*533,294* PC **A03**/MF **A01**

**INIS-MF-8842**

Skeletal Scintiscanning with Sup(99M) Technetium Phosphates. A Comparison of the Scintigraphic Results with X-Ray, Clinical and Laboratory Findings.

DE85780360 **15**-*533,297* PC **A05**/MF **A01**

**INIS-MF-8843**

Microscopic Foundation of a Nonlinear Schroedinger Equation.

DE85780353 **15**-*535,059* PC **A05**/MF **A01**

**INIS-MF-8844**

Complications after Osteosynthesis and Their Causes.

DE85780357 **15**-*533,295* PC **A04**/MF **A01**

**INIS-MF-8845**

Quantitative Skeletal Scintiscanning of the Skull with sup 99 MTc-SN-Pyrophosphate in Patients with Maxillary Sinusitis as Compared to Healthy Persons.

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**INIS-MF-8846**

Importance of Liver Scintiscanning for the Diagnosis of Liver Metastases.

DE85780362 **15**-*533,299* PC **A03**/MF **A01**

**INIS-MF-8847**

Clinical and X-Ray Investigations on Congenital Radio-Ulnar Synostosis.

DE85780358 **15**-*533,296* PC **A06**/MF **A01**

**INIS-MF-8848**

Problem of Pulmonary Diseases in Arc Welders.

DE85780359 **15**-*533,359* PC **A05**/MF **A01**

**INIS-MF-8849**

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DE84780598 **10**-*521,476* PC **A06**/MF **A01**

**INIS-MF-8851**

Comparison of Surgical, Radiation and Cytostatic Treatment of Gastric Carcinomas in World Literature from 1973 to 1978.

DE84780605 **10**-*521,480* PC **A05**/MF **A01**

**INIS-MF-8852**

Exp 133 Xenon Muscle Clearance as a Test Parameter in the Diagnosis of Peripheral Diabetic Angiopathies.

DE84780599 **10**-*521,477* PC **A06**/MF **A01**

**INIS-MF-8853**

Method to Determine Exactly the Effective Atomic Number, Electron Density and Absorbtion Coefficient of Materials from Two Computer-Tomography Measurements.

DE84780589 **10**-*522,667* PC **A05**/MF **A01**

**INIS-MF-8854**

Comparative X-Ray Investigation of Lateral and Anterior-Posterior Ankle-Joint Images - Comparison with Pathological and Anatomical Findings Concerning Lateral Ankle-Joint Lesions and Their Clinical Importance, Studied in a Special Type of Holding Device.

DE84780590 **10**-*521,470* PC **A05**/MF **A01**

**INIS-MF-8855**

Determination of Lanthanum and Lanthanide Elements by Means of X-Ray Fluorescence Analysis.

DE84780569 **09**-*518,889* PC **A07**/MF **A01**

**INIS-MF-8856**

Computers in Cardiology.

DE84780591 **10**-*521,627* PC **A09**/MF **A01**

**INIS-MF-8857**

Experiments for Improving the Roentgen Imaging and Thus the Caries Diagnosis in the Approximal Space of Lateral Teeth.

DE85780107 **11**-*523,715* PC **A04**/MF **A01**

**INIS-MF-8858**

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**INIS-MF-8859**

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**INIS-MF-8862**

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**INIS-MF-8863**

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**INIS-MF-8864**

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**INIS-MF-8868**

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**INIS-MF-8869**

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**INIS-MF-8870**

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One-Dimensional Schroedinger Operators with Interactions Singular on a Discrete Set.

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**INIS-MF-8884**

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**INIS-MF-8885**

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**INIS-MF-8888**

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**INIS-MF-8890**

How Dangerous Are Routine X-Ray Checkups.

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**INIS-MF-8894**

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**IS-MF-8991**
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**IS-MF-8992**
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**IS-MF-8993**
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**IS-MF-8994**
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**IS-MF-8995**
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**IS-MF-8996**
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**S-MF-8998**
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**INIS-MF-9025**
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Microradiographic Investigations on Experimentally Provoked Structural Alterations in Hard Tooth Tissues after Sealing with Plastic Material in Places Where Caries Is APT to Develop.
DE85780282 **15**-*533,267* PC **A03**/MF **A01**

**INIS-MF-9141**

Ossification Principle of the Laryngeal Skeleton. Radiological, Topographic and Mechanical Examinations.
DE85780283 **15**-*533,268* PC **A03**/MF **A01**

**INIS-MF-9142**

Comparison of Different Computer-Assisted Evaluation Procedures of Thallium-201 Myocardial Scintigrammes in the Diagnosis of Coronary Diseases.
DE85780290 **15**-*533,275* PC **A05**/MF **A01**

**INIS-MF-9143**

Comparative Experimental Investigations on the Demonstration by X-Ray of Defects of the Apices of Teeth in Individual Intraoral Pictures and Panorama Layer Pictures (Orthopantomograph 3 and 5).
DE85780284 **15**-*533,269* PC **A06**/MF **A01**

**INIS-MF-9144**

Dose Effect Curves and Relative Biological Effect of Neutrons as Compared with gamma Radiation. Calculations Based on Persistent Chromosomal Aberrations of Survivors of the Hiroshima and Nagasaki Atomic Bombs Using T65 Dosimetry and Lawrence Livermore National Laboratory Dosimetry.
DE85780045 **11**-*523,885* PC **A04**/MF **A01**

**NIS-MF-9145**

Study of the Giant Multipole Resonances Especially of the Isoscalar Giant E2 Resonance in sup 208 Pb by Medium and High Energy Resolution Inelastic Electron Scattering.
DE85780032 **10**-*523,026* PC **A08**/MF **A01**

**NIS-MF-9146**

Studies on the Primary Statistics and Signal Analysis of the Acoustic Emission During the Propagation of Cracks in Fracture Mechanical Samples.
DE85780295 **17**-*538,700* PC **A11**/MF **A01**

**NIS-MF-9147**

Study on the Systematics of Two-Neutron High Spin States in Fp Shell Nuclei by Means of the ( alpha , sup 2 He) Reaction.
DE85780031 **10**-*523,025* PC **A04**/MF **A01**

**NIS-MF-9148**

Neutral-Current X-Distributions in the Neutrino-Nucleon Scattering.
DE85780024 **09**-*520,567* PC **A09**/MF **A01**

**NIS-MF-9149**

Occupational Disease Caused by Ionizing Radiation. An Analysis of Currently Indemnified Cases in the Federal Republic of Germany.
DE85780302 **16**-*535,769* PC **A06**/MF **A01**

**NIS-MF-9150**

Radiation Damage in Molybdenum by Use of a High Voltage Electron Microscope.
DE85780038 **10**-*522,125* PC **A06**/MF **A01**

**NIS-MF-9151**

Coincident Measurement of the Reaction of sup 16 O( pi Sup( + -), Pi Sup( + -)'P) at 240 MeV.
DE85780028 **09**-*520,570* PC **A07**/MF **A01**

**INIS-MF-9152**

Measurement of the Vector Analyzing Power of the Elastic Pion-Deuteron Scattering in the Range of Presumed Dibaryon Resonances.
DE85780027 **09**-*520,569* PC **A05**/MF **A01**

**INIS-MF-9153**

Study of the Reaction sup 28 Si(n Vector,nsub(0,1)) and Construction of the Measurement Arrangement for the Scattering of Polarized Neutrons.
DE85780029 **10**-*523,023* PC **A06**/MF **A01**

**INIS-MF-9154**

Study of the Structure of the Proton by Deep Inelastic Neutrino and Antineutrino Scattering on Hydrogen.
DE85780025 **09**-*520,568* PC **A06**/MF **A01**

**INIS-MF-9156**

Pharmacokinetics and Organ Distribution of sup 125 I-Aprindine.
DE85780172 **10**-*521,496* PC **A03**/MF **A01**

**INIS-MF-9157**

Kernkraftwerk Sued - the Wyhl Decision of March 30, 1982/July 6, 1982.
DE85780151 **11**-*525,252* PC **A24**/MF **A01**

**INIS-MF-9158**

Investigations on the Kinetics of Sup(99M)Tc Methylene Diphosphonate with Particular Consideration Given to Quantitative Skeletal Whole-Body Scintigraphy.
DE85780173 **10**-*521,497* PC **A04**/MF **A01**

**INIS-MF-9159**

New Method for Tritium Labelling of Neuraminidase from Vibrio Cholerae.
DE85780162 **11**-*523,663* PC **A05**/MF **A01**

**INIS-MF-9160**

Studies on Hot Crack Formation in Welding the Material X 10 Ni Cr Al Ti 32 20 with High Nickel-Containing and Similar Welding Fillers, Together with a Study of Mechanical Properties of the Welded Material.
DE85780159 **12**-*527,124* PC **A10**/MF **A01**

**INIS-MF-9161**

INTRACOIN. Level 2 Benchmark Calculations with Code SWIFT.
DE85780570 **15**-*534,647* PC **A04**/MF **A01**

**INIS-MF-9162**

Temperature Dependence of Thermal Neutron Scattering Cross Sections for Hydrogen Bound in Moderators.
DE85780157 **12**-*527,736* PC **A07**/MF **A01**

**INIS-MF-9163**

Present State of Nuclear Industry in France.
DE85780182 **10**-*522,637* PC **A02**/MF **A01**

**INIS-MF-9164**

Properties of Tritium in the Zirconium Alloy, Zircaloy 2-Diffusion, Equilibrium Pressure and Release.
DE85780179 **11**-*525,168* PC **A06**/MF **A01**

**INIS-MF-9165**

Frequency and Degree of Severity of Coronay Artery Sclerosis in Patients with Angiographically Established Coronary Heart Disease.
DE85780164 **11**-*523,725* PC **A05**/MF **A01**

**INIS-MF-9166**

Myocardial Scintiscanning with Intravenously Injected Thallium 201 as a Control Parameter in Aneurysmectomies after Transmural Anterior Wall Infarctions.
DE85780174 **10**-*521,498* PC **A05**/MF **A01**

**INIS-MF-9167**

Osteomyelofibrosis - Skeletal Changes Which Can Be Determined by X-Ray Examination and Histopathological Classification of These Changes.
DE85780165 **15**-*533,255* PC **A04**/MF **A01**

**INIS-MF-9168**

Coronary Angiographic Findings in Diagnostically Manifested Myocardial Infarctions: Their Relationship to Psychosocial and Somatic Risk Factors.
DE85780166 **15**-*533,256* PC **A06**/MF **A01**

**INIS-MF-9169**

Study of the Giant Multipole Resonances, Especially the Isoscalar Giant E2 Resonance in sup 208 Pb by Inelastic Electron Scattering with Medium and High Energy Resolution.
DE85780495 **15**-*534,986* PC **A08**/MF **A01**

**INIS-MF-9170**

Diagnosing Diseases of the Thyroid Gland by Means of Scintiscanning and Puncture Cytology Taking into Consideration the Nodular Goitre.
DE85780175 **10**-*521,499* PC **A06**/MF **A01**

**INIS-MF-9171**

Nuclear-Medical Examination of the Ureteric Peristalsis with Sup(99M)Tc-MDP as an Additional Finding to the Bone Scintigrams of Patients with Healthy Kidneys.
DE85780176 **10**-*521,500* PC **A03**/MF **A01**

**INIS-MF-9172**

Myocardial Scintiscanning with Thallium-201 in Assessing the Success of Aortocoronary Bypass Surgery.
DE85780177 **10**-*521,501* PC **A06**/MF **A01**

**INIS-MF-9173**

Use of Computed Tomography in the Differential Diagnosis of Late Epilepsy.
DE85780167 **11**-*523,726* PC **A07**/MF **A01**

**INIS-MF-9174**

Influence of a Tumour Bed Pre-Irradiation on the Growth and Proliferation of the Harding-Passey Melanoma of Mice.
DE85780160 **11**-*523,889* PC **A07**/MF **A01**

**INIS-MF-9175**

Angiographic Determination of the Left-Ventricular Myocardial Volume with the Help of Digital Image Processing.
DE85780168 **11**-*523,727* PC **A04**/MF **A01**

**INIS-MF-9176**

Sup 67 GA-Citrate Scintiscanning for the Staging and Course Contral of the Hodgkin's Disease.
DE85780178 **10**-*521,502* PC **A05**/MF **A01**

**INIS-MF-9177**

Pulmonary Emphysema in Post-Mortem Angiograph.
DE85780169 **13**-*528,717* PC **A04**/MF **A01**

**INIS-MF-9178**

Value of Angiography in the Differential Diagnosis of Renal Failure.
DE85780170 **13**-*528,718* PC **A05**/MF **A01**

**INIS-MF-9180**

Importance of Angiography in Cases of Growing and Displacing Processes in the Adrenal Glands.
DE85780171 **10**-*521,495* PC **A08**/MF **A01**

**INIS-MF-9181**

Autoradiographical Investigations of the Proliferation of Gynaecological Carcinomas.
DE85780163 **11**-*523,890* PC **A06**/MF **A01**

**INIS-MF-9182**

Development and Study of a Control and Reactor Shutdown Device for FBR-Type Reactors with a Modified Open Core.
DE85780180 **10**-*522,823* PC **A07**/MF **A01**

**INIS-MF-9183**

Deutsches Atomforum e.V. - Annual Report 1983.
DE85780193 **10**-*522,638* PC **A04**/MF **A01**

**INIS-MF-9184**

Model-Independent Determination of Resonance Parameters for Reactions Involving Only Zero Spin Particles.
DE85780129 **11**-*525,505* PC **A02**/MF **A01**

**INIS-MF-9185**

Trace Depth Analysis by Rutherford Backscattered High Energetic Heavy Ions and Detection of the Recoil Nuclei with a Time-of-Flight Apparature.
DE85780497 **17**-*538,883* PC **A05**/MF **A01**

**INIS-MF-9186**

Safety Analysis of off-Air and off-Gas Systems in Reprocessing. Summarizing Interim Report. Pt. 2.
DE85780562 **16**-*536,634* PC **A05**/MF **A01**

**INIS-MF-9187**

Application of a Robust Optimum State Regulator with Observer Exemplified at the Power Control of a Nuclear Power Plant.
DE85780593 **17**-*539,132* PC **A11**/MF **A01**

**INIS-MF-9188**

Calculation of Radionuclide Migration Via the Air and Food Pathway and of the Potential Radiation Exposure Resulting from Surface, Facilities for Nuclear Waste Management. Summarizing Interim Report. Pt. 4.
DE85780563 **16**-*536,648* PC **A05**/MF **A01**

**INIS-MF-9189**

Safety Analyses for Reprocessing and Waste Processing. Summarizing Interim Report. Pt. 1.
DE85780564 **16**-*536,635* PC **A05**/MF **A01**

**INIS-MF-9190**

Data on the Development of the West German Power Industry in 1982.
DE85780148 **11**-*524,385* PC **A04**/MF **A01**

**INIS-MF-9191**

Radioimmunoassay of Serum Digoxin Levels in Digitalis Intoxication. Problems Arising in Measurement of and Correlation to Clinical Parameters.
DE85780579 **15**-*533,305* PC **A06**/MF **A01**

**INIS-MF-9192**

Charges in Haemostasis During Radiotherapy of Uterine Carcinoma. Influence of Low Dose-Heparin Anticoagulation.
DE85780583 **15**-*533,308* PC **A04**/MF **A01**

**INIS-MF-9193**

Investigations on High Conversion BWRs.
DE85780591 **17**-*539,130* PC **A07**/MF **A01**

**INIS-MF-9194**

Influence of Extra-Cellular and Intra-Cellular Acting Thiol Oxidants on the sup 45 Calcium Uptake by the Islets of Langerhans of the Rat.
DE85780576 **15**-*533,443* PC **A07**/MF **A01**

**INIS-MF-9197**

Measurement of Antiproton-Proton Cross Sections at Low Momenta.
DE85780652 **15**-*534,991* PC **A05**/MF **A01**

**INIS-MF-9198**

Radiometric Determination of Saturation Parameters of Carbon Dioxide.

DE85780502 **17**-*537,681* PC **A05**/MF **A01**

**INIS-MF-9199**
Consideration of Uncertain Nuclear Data in the Computation of the Reduction of Waste Actinides by Irradiation.
DE85780597 **17**-*539,030* PC **A07**/MF **A01**

**INIS-MF-9200**
Nuclear Heart Function Diagnostics. Studies During the First Tracer Passage and on the Distribution Equilibrium.
DE85780581 **15**-*533,306* PC **A05**/MF **A01**

**INIS-MF-9201**
Thermo-Hydraulic Analysis of a Fast Breeder Reactor Core with Open Fuel Elements with Regard to Accident Characteristics.
DE85780594 **17**-*539,133* PC **A07**/MF **A01**

**INIS-MF-9202**
Lectures of the National Meeting on Engineering Geology (4th) Held at Goslar, Federal Republic of Germany on 20 April 1983).
DE85780598 **17**-*538,471* PC **A14**/MF **A01**

**INIS-MF-9203**
Treatment of Malignant Skin Tumours by Short-Distance Low-Voltage X-Ray Therapy According to Chaoul.
DE85780584 **15**-*533,309* PC **A04**/MF **A01**

**INIS-MF-9204**
Studies on Secondary Radiation and Air Activation During Operation of Medical Electron Accelerators under the Aspects of Shielding and Radiation Protection.
DE85780481 **15**-*533,304* PC **A07**/MF **A01**

**INIS-MF-9205**
HEA - For a Better Understanding of Technology. Energy as a Subject for Training and Further Education.
DE85780602 **16**-*536,075* PC **A04**/MF **A01**

**INIS-MF-9206**
Nondestructive Evaluation and Structural Strength of Nuclear Power Plants. German Contributions.
DE85780588 **17**-*538,905* PC **A99**/MF **A01**

**INIS-MF-9207**
Environmental Policy in the 9TH German Bundestag and the Bundesrat (1980-1983).
DE85780603 **16**-*536,253* PC **A14**/MF **A01**

**INIS-MF-9208**
Investigation on Disordering (PAC-Method) and Diffusion in the Ordered beta -Hume-Rothery-Phase PdIn.
DE85780389 **17**-*538,263* PC **A04**/MF **A01**

**INIS-MF-9209**
Stochastic Quantization: Stabilizing Quantum Models.
DE85780638 **15**-*535,063* PC **A03**/MF **A01**

**INIS-MF-9210**
Stationary Phase Method on Hilbert Space and Semi-Classical Approximation in Quantum Mechanics.
DE85780637 **15**-*535,062* PC **A03**/MF **A01**

**INIS-MF-9211**
Spectroscopy of sigma -Hypernuclei.
DE85780655 **15**-*534,994* PC **A04**/MF **A01**

**INIS-MF-9212**
GSI (Gesellschaft fuer Schwerionenforschung m.b.H., Darmstadt, Federal Republic of Germany). Extension Plans.
DE85780666 **15**-*534,837* PC **A04**/MF **A01**

**INIS-MF-9213**
Application of the Interacting Boson Model to Collective States in Medium Heavy Nuclei.
DE85780653 **15**-*534,992* PC **A06**/MF **A01**

**INIS-MF-9214**
Proton Induced Reactions on Ti, V, Mn, Fe, Co and Ni. Measurement and Hybrid Model Analysis of Integral Excitation Functions and Their Application in Model Calculation for the Production of Cosmogenic Nuclides.
DE85780656 **15**-*534,995* PC **A08**/MF **A01**

**INIS-MF-9215**
Report of the Working Group Energetic Atomic Collisions (5th).
DE85780639 **15**-*534,987* PC **A10**/MF **A01**

**INIS-MF-9216**
Geometrical Treatment of Clifford Algebras and Spinors with Applications to the Dynamics of Spin Particles.
DE85780369 **15**-*535,061* PC **A08**/MF **A01**

**INIS-MF-9217**
Dynamic Properties of the Coulomb Fission.
DE85780376 **15**-*534,985* PC **A06**/MF **A01**

**INIS-MF-9218**
Sequential Neutron Emission from sup 16 O-Induced Reactions with sup 27 Al and sup 64 Ni at 6 Respectively 12 MeV/U.
DE85780374 **15**-*534,983* PC **A04**/MF **A01**

**INIS-MF-9219**
Study of the Continuum of sup 28 Si after Inelastic Excitation with sup 12 C Ions.
DE85780743 **16**-*536,843* PC **A04**/MF **A01**

**INIS-MF-9220**
Construction and Testing of a Source for the Production of Polarized Heavy Ions at the Heidelberg MP Tandem.
DE85780480 **15**-*534,831* PC **A06**/MF **A01**

**INIS-MF-9221**
Experimental Detection of Superdeformed Nuclear Shapes in the Mass Range A Approx.= 150 and Angular Momentum Range I > 70 H by Measurement of the Light Charged Particles Emitted Before Fission.
DE85780375 **15**-*534,984* PC **A05**/MF **A01**

**INIS-MF-9222**
Autoradiographic Studies of the Pancreas and Adrenal Cortex with exp 3 H-Thymidine, Age Dependence and Other Influencing Factors.
DE85780474 **15**-*533,226* PC **A07**/MF **A01**

**INIS-MF-9223**
Sup 14 C-Monomethylamino-Antipyrine Breath Test as in Vivo Parameter for Characterizing the Induction of the Drug Catabolizing Enzyme System in the Guinea Pig.
DE85780475 **15**-*533,208* PC **A05**/MF **A01**

**INIS-MF-9224**
Fibrinopeptide-A Radioimmunoassay by the Gel Adsorption Method. Clinical Results.
DE85780476 **15**-*533,302* PC **A07**/MF **A01**

**INIS-MF-9225**
Deformation Behaviour of Fine Grained High Purity Beryllium - Influence of Fabrication Parameters, Temperature and Copper Additions.
DE85780394 **17**-*538,267* PC **A10**/MF **A01**

**INIS-MF-9226**
Problems of Material Pairs under the Specific Conditions of High-Temperature Reactors.
DE85780395 **17**-*539,200* PC **A08**/MF **A01**

**INIS-MF-9227**
Electron Microscopic Study of Irradiation-Induced Changes in the Microstructure of the Reactor Pressure Vessel Steel 20 MNMoNi 5 5.
DE85780399 **17**-*538,271* PC **A10**/MF **A01**

**INIS-MF-9228**
Contribution to the Question of Creep and Relaxation of Concrete under High Temperatures.
DE85780401 **17**-*538,589* PC **A09**/MF **A01**

**INIS-MF-9229**
Conversion Electron Spectroscopy for the Determination of the K-Shell Binding Energy of H- and He-Like sup 155 Gd-Ions.
DE85780370 **17**-*539,402* PC **A05**/MF **A01**

**INIS-MF-9230**
Measurement of the Spectra of the Multiple Processes in the Elastic and Inelastic Scattering of gamma Quanta and the Absolute Differential Cross Section for Compton Scattering.
DE85780371 **17**-*539,403* PC **A04**/MF **A01**

**INIS-MF-9231**
Numerical Simulation of Plumes Near Sources and Pollutant Transport on a Regional and Supraregional Scale.
DE85780796 **15**-*534,648* PC **A12**/MF **A01**

**INIS-MF-9232**
Bound and Scattering States of Carbon Isotopes.
DE85780741 **16**-*536,841* PC **A08**/MF **A01**

**INIS-MF-9233**
Quasi-Elastic Scattering of Cold Neutrons at Monocrystals of High-Temperature Phases of AgI and Ag sub 2 Se.
DE85780740 **16**-*536,729* PC **A05**/MF **A01**

**INIS-MF-9234**
Study of the Nuclear Reactions sup 208 Pb + sup 58 Ni and sup 208 Pb + sup 64 Ni with a Focusing Time-of-Flight Spectrometer.
DE85780744 **16**-*536,844* PC **A06**/MF **A01**

**INIS-MF-9235**
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DE85780484 **17**-*538,936* PC **A02**/MF **A01**

**INIS-MF-9236**
Experiments on the Elastic Scattering of Photons in the Energy Range Between 20 KeV and 3.5 MeV as Test of Theoretical Predictions of Relativistic Quantum Mechanics and Quantum Electrodynamics.
DE85780739 **16**-*536,840* PC **A04**/MF **A01**

**INIS-MF-9237**
Density Dependent Resonance Behaviour of a Perturbed gamma-gamma Directional Correlation in a Magnetic Field.
DE85780881 **20**-*546,818* PC **A03**/MF **A01**

**INIS-MF-9238**
Inclusive and Exclusive Cross Sections for the sup 3 He Breakup on sup 197 Au. A Test Case for the DWBA Approach in the Post-Formulation.
DE85780886 **20**-*546,821* PC **A05**/MF **A01**

**INIS-MF-9239**
Determination of the Mass Excess of sup 147 Tb.
DE85780885 **20**-*546,820* PC **A03**/MF **A01**

**INIS-MF-9240**
Classical Limit of Quantum Theories: Particles in External Metrics and with Spin.
DE85780876 **20**-*546,956* PC **A07**/MF **A01**

**INIS-MF-9241**
Investigations on Plasma-Microfield by Means of Plasma-Computerized Simulation.
DE85780883 **20**-*546,889* PC **A06**/MF **A01**

**INIS-MF-9242**
Electron Passage Through Radiosensitive Regions of the Cell Nucleus.
DE85780888 **20**-*544,884* PC **A08**/MF **A01**

**INIS-MF-9243**
Energy Machineries on a Manifold: Application to the Construction of New Energy Representations of Gauge Groups.
DE85780737 **15**-*535,015* PC **A03**/MF **A01**

**INIS-MF-9244**
Enss' Theory in Long Range Scattering: Second Order Hyperbolic and Parabolic Operators.
DE85780731 **15**-*535,014* PC **A03**/MF **A01**

**INIS-MF-9245**
Locality and Covariance of the Spectrum.
DE85780738 **15**-*535,072* PC **A03**/MF **A01**

**INIS-MF-9246**
Perturbations of the Laplacian Supported by Null Sets, with Applications to Polymer Measures and Quantum Fields.
DE85780732 **15**-*535,068* PC **A02**/MF **A01**

**INIS-MF-9247**
Resonance Expansion for the Green's Function of the Schroedinger and Wave Equations.
DE85780733 **15**-*535,069* PC **A02**/MF **A01**

**INIS-MF-9248**
Perturbation Theory for Resonances in Terms of Fredholm Determinants.
DE85780734 **15**-*535,070* PC **A03**/MF **A01**

**INIS-MF-9249**
Resonances, Resonance Functions and Spectral Deformations.
DE85780735 **15**-*535,071* PC **A03**/MF **A01**

**INIS-MF-9250**
Non-Standard Analysis, Polymer Models, Quantum Fields.
DE85780736 **20**-*546,954* PC **A02**/MF **A01**

**INIS-MF-9251**
Unbounded Representations of Symmetry Groups in Gauge Quantum Field Theory. Pt. 1. Confinement and Differentiation.
DE85780821 **17**-*539,443* PC **A04**/MF **A01**

**INIS-MF-9252**
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DE85780742 **16**-*536,842* PC **A10**/MF **A01**

**INIS-MF-9253**
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DE85780889 **20**-*546,209* PC **A07**/MF **A01**

**INIS-MF-9254**
'Magnetsrode', an Equipment for Magnetic Calibrations and Test Measurements.
DE85780482 **17**-*538,701* PC **A04**/MF **A01**

**INIS-MF-9255**
Effect of Annealing and Electron Irradiation on the Internal Friction in Copper in the KHz Range.
DE85780887 **21**-*548,157* PC **A06**/MF **A01**

**INIS-MF-9256**
Quantum Dissipation, Scattering and Tunneling.
DE85780877 **20**-*546,957* PC **A02**/MF **A01**

**INIS-MF-9257**
Wave Functions on Subgroups of the Group of Affine Canonical Transformations.
DE85780878 **20**-*546,958* PC **A02**/MF **A01**

**INIS-MF-9258**
Separable Potentials from Gamow States.
DE85780879 **20**-*546,959* PC **A02**/MF **A01**

**INIS-MF-9260**
Time Decay for the Solutions of a Nonlinear Dirac Equation in One Space Dimension.
DE85780880 **20**-*546,960* PC **A02**/MF **A01**

**INIS-MF-9261**
Covariant Representations of Massless Fermi Fields.
DE85780822 **17**-*539,444* PC **A03**/MF **A01**

**INIS-MF-9262**
Semileptonic Decays of the tau Lepton and the Nonlinear Chiral SU(3)XSU(3).
DE85780834 **17**-*539,407* PC **A04**/MF **A01**

**INIS-MF-9263**
Allothermal Water Gas Production from Raw Brown Coal in Rotary-Drum Tube Gasifiers. A Process Using Nuclear Process Heat.
DE85780864 **17**-*539,599* PC **A21**/MF **A01**

**INIS-MF-9264**
Study of Multimuon-Final States in Deep Inelastic Neutrino Scattering.
DE85780837 **17**-*539,410* PC **A07**/MF **A01**

**INIS-MF-9265**
Study of the Electromagnetic Properties of Vibrational Bands in sup 230 Th, sup 232 Th, sup 236 U, and sup 238 U by Means of Coulomb Excitation.
DE85780842 **17**-*539,414* PC **A06**/MF **A01**

**INIS-MF-9267**
Chemical Fundamentals of the Application of Aminopolyether 1.1.1. For Tritium Fixation for Final Storage Purposes.
DE85780849 **17**-*539,036* PC **A09**/MF **A01**

**NIS-MF-9268**
Neutron and gamma Emission in the Fusion Reaction sup 86 Kr + sup 76 Ge at 3,8 MeV/U.
DE85780840 **17**-*539,412* PC **A07**/MF **A01**

**NIS-MF-9269**
Observable off-Shell Effects and the Pauli Principle in the Reactions sup 4 He + Deuteron Yields sup 4 He + Deuteron and sup 4 He + Deuteron Yields sup 4 He + Neutron + Proton.
DE85780839 **17**-*539,411* PC **A06**/MF **A01**

**NIS-MF-9270**
Investigations on Construction Material and Construction Concepts in Order to Obtain Dose-Reducing Effects in the Dismantling of the Biological Shield of a 1300 MWe-PWR. Final Report.
DE85780863 **17**-*538,942* PC **A08**/MF **A01**

**NIS-MF-9271**
Construction and Studies of Post-Accelerator Resonators with Single and Several Coupled Helices.
DE85780860 **17**-*539,380* PC **A08**/MF **A01**

**NIS-MF-9272**
Studies on HF Quadrupole Accelerator Structures.
DE85780861 **17**-*539,381* PC **A08**/MF **A01**

**NIS-MF-9274**
Vapour Pressure of Americium(III) Chloride.
DE85780895 **20**-*545,967* PC **A07**/MF **A01**

**NIS-MF-9275**
Vapor Phase Hydrolysis of Promethium (III) Bromide.
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**NIS-MF-9276**
Neptunium Sulfates.
DE85780846 **17**-*537,615* PC **A04**/MF **A01**

**IS-MF-9277**
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**IS-MF-9278**
In-Beam Study of the Rotational States in Actinides after alpha-Induced Nuclear Reactions.
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**IS-MF-9279**
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DE85781248 **24**-*556,959* PC **A02**/MF **A01**

**IS-MF-9291**
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**IS-MF-9293**
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**INIS-MF-9303**
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**INIS-MF-9305**
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**S-MF-9639**
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DE85781423 **25**-*559,289* PC **A02**/MF **A01**

**S-MF-9640**
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E85781424 **25**-*559,039* PC **A02**/MF **A01**

**S-MF-9641**
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E85781425 **25**-*559,112* PC **A02**/MF **A01**

**S-MF-9642**
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E85781426 **25**-*559,290* PC **A02**/MF **A01**

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E85781427 **25**-*559,291* PC **A02**/MF **A01**

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E85781436 **25**-*559,331* PC **A08**/MF **A01**

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DE85701533 **22**-*551,609* PC **A03**/MF **A01**

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DE85781452 **25**-*559,113* PC **A03**/MF **A01**

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DE85781416 **25**-*557,420* PC **A02**/MF **A01**

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DE85781441 **25**-*557,435* PC **A04**/MF **A01**

**INIS-MF-9656**
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DE85781437 **25**-*557,423* PC **A02**/MF **A01**

**INIS-MF-9657**
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DE85781410 **25**-*557,415* PC **A02**/MF **A01**

**INIS-MF-9658**
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DE85781411 **25**-*557,416* PC **A02**/MF **A01**

**INIS-MF-9659**
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DE85781412 **25**-*557,417* PC **A02**/MF **A01**

**INIS-MF-9660**
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DE85781413 **25**-*557,418* PC **A02**/MF **A01**

**INIS-MF-9661**
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DE85781429 **25**-*559,061* PC **A02**/MF **A01**

**INIS-MF-9662**
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DE85781438 **25**-*557,424* PC **A02**/MF **A01**

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DE85781455 **25**-*559,065* PC **A02**/MF **A01**

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DE85781431 **25**-*559,062* PC **A02**/MF **A01**

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**INIS-MF-9683**
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DE85781483 **25**-*559,217* PC **A02**/MF **A01**

**INIS-MF-9686**
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**INIS-MF-9690**
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**INIS-MF-9692**
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DE85701857 **26**-*560,507* PC **A02**/MF **A01**

**INIS-MF-9702**
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DE85701745 **25**-*557,984* PC **A02**/MF **A01**

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DE85781537 **25**-*558,004* PC **A06**/MF **A01**

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DE81700446 **20**-*546,615* MF **A01**

**INP-1063/PH**
Drell-Yan Process as a Test of Models for Particle Production on Nuclei.
DE81700458 **20**-*546,621* PC **A02**/MF **A01**

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DE81700463 **20**-*546,625* PC **A03**/MF **A01**

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DE81700459 **20**-*546,622* PC **A05**/MF **A01**

**INP-1125/AP**
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DE81700450 **20**-*546,184* PC **A03**/MF **A01**

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**INP-1152/B**
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DE84703408 **15**-*533,435* PC **A02**/MF **A01**

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DE85701883 **25**-*559,489* PC **A04**/MF **A01**

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**INP-1180/PH**
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DE84702565 **01**-*500,186* PC **A03**/MF **A01**

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DE85700514 **16**-*535,385* PC **A02**/MF **A01**

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DE85781043 **25**-*557,286* PC **A05**/MF **A01**

**NPE-2760-PRE/335**
Selecao de Projetos de p and D COM Retornos Nao-Numericos (R and D Project Selection with Nonnumerical Returns).
N85-13665/3 **07**-*515,054* PC **A02**/MF **A01**

**NPE-2767-PRE/340**
Controle Otimo Do Tempo de Espera Numa Fila M/G/1 (Optimal Control of Waiting Time in a M/G/1 Queue).
N85-11671/3 **04**-*509,539* PC **A02**/MF **A01**

**NPE-2770-PRE/343**
Um Modelo Estcastico Para Otimizacao Do Consumo E Exploracao de Um Recurso Natural Nao-Renovavel (A Stochastic Model for Optimizing the Consumption and Exploration of Nonrenewable Natural Resources).
N85-12804/9 **06**-*512,823* PC **A02**/MF **A01**

**NPE-2781-PRE/347**
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N84-34180/9 **01**-*501,331* PC **A02**/MF **A01**

**NPE-2783-PRE/349**
Descricao Do Suporte Logico de Um Sistema de Processamento de Imagens (Description of the Logical Support for an Image Processing System).
N85-11563/2 **04**-*509,121* PC **A02**/MF **A01**

**NPE-2786-PRE/352**
Dificuldades Para Planejar Ciencia E Tecnologia (Difficulties of Scientific and Technological Planning).
N84-34308/6 **01**-*500,511* PC **A02**/MF **A01**

**NPE-2791-PRE/354**
Medidad de Qualidade de Estimadores de Proporcoes de Classes Dentro de Um Pixel de Imagens de Satelite (Quality Measures for Estimating the Proportions of Different Classes within a Single Image Resolution Element (Pixel)).
N84-33852/4 **01**-*501,328* PC **A03**/MF **A01**

**NPE-2798-PRE/359**
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**NPE-2803**
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DE85781177 **25**-*559,851* PC **A02**/MF **A01**

**NPE-2803-PRE/363**
Ion Thruster Project.
N85-15805/3 **10**-*523,138* PC **A02**/MF **A01**

**NPE-2810**
Behavior of the Ionosphere Total Electronic Content in Sao Jose DOS Campos During Magnetic Storms in 1980.
DE85781092 **24**-*554,673* PC **A02**/MF **A01**

**NPE-2811**
Pb /sub 1-X/ SN /sub X/ Te Monocrystal Growth by Vapor Phase Transport, with Formation of a Liquid/Solid Growth Interphase.
DE85701711 **25**-*559,394* PC **A02**/MF **A01**

**NPE-2814-PRE/370**
Analise de Tolerancias de Uma Linha Em Microstrip Pelo Metodo Monte-Carlo (Analysis of Microstrip Line Tolerance Using the Monte-Carlo Method).
N84-33705/4 **01**-*501,269* PC **A02**/MF **A01**

**NPE-2815-PRE/371**
Sintetizador/Modulador FM de 1200 Canais Para Transmissao Scpc de Sinais de Voz Por Satelite (FM Synthesizer-Modulator with 1200 Channels for SCPC Transmission of Voice Signals by Satellite).
N84-33638/7 **01**-*502,086* PC **A02**/MF **A01**

**NPE-2828-PRE/380**
Limitantes DA Equivocacao Em Canais Gaussianos Aditivos (Equivocation Limits in Gaussian Additive Channels).
N85-13137/3 **07**-*514,858* PC **A02**/MF **A01**

**NPE-2850-PRE/391**
Determinacao DA Atenuacao de Microondas Pela Influencia DOS Gases Atmosfericos, Atraves de Tecnica Radiometrica (Determination of Microwave Attenuation Due to the Influence of Atmospheric Gases Using the Radiometric Technique).
N84-33637/9 **01**-*502,647* PC **A02**/MF **A01**

**NPE-2852-PRE/392**
Areas Irrigadas: Monitoramento Por Sensoriamento Remoto (Irrigated Lands: Monitoring by Remote Sensing).
N84-33854/0 **01**-*500,080* PC **A02**/MF **A01**

**INPE-2854-PRE/394**
Telemetria Por Satelite (Satellite Telemetry).
N84-33444/0 **01**-*501,389* PC **A02**/MF **A01**

**INPE-2856-PRE/395**
Analise Quimica de Ions Em Aguas de Chuva de Regioes Naturais. Correlacoes COM Aerossois Atmosfericos (Chemical Analysis of Ions in Rain Water in Natural Regions: Correlations with Aerosols in the Atmosphere).
N84-34052/0 **01**-*501,074* PC **A03**/MF **A01**

**INPE-2857-PRE/396**
Analise Quimica Preliminar das Aguas de Chuva de Cubatao - Impactos Abientais (Preliminary Chemical Analysis of Rain Water in Cubatao: Ambient Effects).
N84-34053/8 **01**-*501,075* PC **A02**/MF **A01**

**INPE-2869-RPE/441**
Inventario de Floresta Plantada Atraves de Amostragem Em Multiplo Estagio COM Probabilidade Proporcional a Grandeza (Forestry Inventory Based on Multistage Sampling with Probability Proportional to Size).
N84-33855/7 **01**-*500,097* PC **A03**/MF **A01**

**INPE-2874-NTE/204**
Projeto Mapeamento DA Alteracao Do USO Do Solo DA Regiao Carbonifera de Santa Catarine - Relatorio Preliminar (Mapping Project on Land Use Changes in the Carboniferous Region of Santa Catarina).
N84-33853/2 **01**-*501,152* PC **A02**/MF **A01**

**INPE-2879-PRE/404**
O USO de Satelites Meteorologicos Em Hidrologia (On the Use of Meteorologic Satellites in Hydrology).
N84-33851/6 **01**-*501,180* PC **A02**/MF **A01**

**INPE-2886-NTE/206**
Catalogo das Publicacoes Periodicas Existentes No Inpe - Vol. Vii (Catalog of Existing Published Periodicals of INPE, Volume 7).
N84-34320/1 **01**-*500,273* PC **A07**/MF **A01**

**INPE-2888-PRE/408**
Introducao a Linguagem Pascal (Introduction to Pascal Language).
N84-34182/5 **01**-*501,333* PC **A03**/MF **A01**

**INPE-2907**
Observations of Galactic Center for Annihilation Line at 0.511 MeV.
DE85781044 **25**-*557,287* PC **A02**/MF **A01**

**INPE-2971-NTE/209**
Salarios NA Carreira de Pesquisa (Research Salaries).
N84-34307/8 **01**-*500,255* PC **A03**/MF **A01**

**INPE-2972-RPE/449**
Primeira Tentativa de Identificacao de Areas Favoraveis a Ocorrencia de Bonito-Listrado (Katsuwonus Pelamis). Atraves DA Analise de Dados Oceanograficos NA Regiao Sudeste-Sul Do Brasil (A First Attempt to Identify Areas of High Probability for the Occurrence of Surface Skipjack Schools (Katsuwonus Pelamis), from an Analysis of Oceanographic Data for the South-Southeast Region of Brazil).
N84-34112/2 **01**-*500,590* PC **A05**/MF **A01**

**INPE-2974-PRE/437**
Barreira Do Inferno: 5 Anos de Pesquisa COM Ozonio (Barreira Do Inferno: Five Years of Ozone Research).
N84-34073/6 **01**-*500,188* PC **A02**/MF **A01**

**INPE-2982-RPE/451**
Unidade de Armazenamento Emdisco Flexivel (Flexible Disk Data Storage Unit).
N84-34181/7 **01**-*501,332* PC **A04**/MF **A01**

**INPE-3046-TDL/158**
Criterios Para Otimizacao Do Fluxo de Processamento Em Um Modelo de Computador Incremental COM Recursos de Multiprocessamento (Criteria for the Optimization of Processing Flow in a Model of an Incremental Computer with Multiprocessing Resources).
N85-11560/8 **04**-*509,118* PC **A06**/MF **A01**

**INPE-3053-PRE/474**
Inducao de Regras de Decisao Nebulosas (Induction of Fuzzy Decision Rules).
N85-13525/9 **07**-*515,053* PC **A02**/MF **A01**

**INPE-3055-PRE/475**
Filtros Rejeita-Faixa COM Ressoador Dielectrico Em Microfita (Microwave Bandstop Filters as Dielectric Resonators).
N84-33706/2 **01**-*501,377* PC **A02**/MF **A01**

**INPE-3057-PRE/477**
Pascal-Mp: Uma Linguagem Para Manipulacao Algebrica E Numerica de Polinomios (PASCAL-MP: A Language for the Algebraic and Numerical Manipulation of Polynomials).
N84-34183/3 **01**-*501,334* PC **A02**/MF **A01**

**INPE-3061-PRE/479**
Utilizacao de Interpolacao E Transformacao Para Compressao de Imagens Digitais (Utilization of Interpolation and Transformation for the Compression of Digital Image Data).
N85-11566/5 **04**-*509,124* PC **A03**/MF **A01**

**INPE-3066**
Impurity States in Two-and Three-Dimensional Disordered Systems.
DE85701714 **25**-*559,807* PC **A02**/MF **A01**

**INPE-3069-PRE/486**
Controles Microprogramados Simples - Uma Alternativa Atraente (Simple Microprogrammed Controllers: An Alternate Approach).
N84-34171/8 **01**-*501,329* PC **A02**/MF **A01**

**INPE-3079-PRE/492**
Contribution to the Radiogeology of Sao Roque, SP, Granites.
N85-12503/7 **06**-*513,354* PC **A02**/MF **A01**

**INPE-3081**
2-D Impurity States Associated with Inversion Layers.
DE85701715 **25**-*559,808* PC **A02**/MF **A01**

**INPE-3085-PRE/494**
Um Sistema Para Monitoracao Do Radonio E Seus Produtos de Decaimento NA Atmosfera (A System for Monitoring Radon and Its Decay Products in the Atmosphere).
N85-12502/9 **06**-*514,020* PC **A02**/MF **A01**

**INPE-3087-TDL/162-V-2**
Sistematica de Interpretacao de Dados de Sensoriamento Remoto NA Recepcao de Hidrocarbonetos, Volume 2 (System of Interpretation of Remote Sensing Data when Hydrocarbons are Present. Volume 2).
N85-27326/6 **19**-*542,922* PC **A09**/MF **A01**

**INPE-3109-PRE/508**
Previsao de Secas No Nordeste Pelo Metodo das Periodicidades: Uso E Abusos (Forecast of the Northeastern Drought by the Method of Periodicities: Use and Abuses).
N85-11502/0 **04**-*508,089* PC **A02**/MF **A01**

**INPE-3114-PRE/511**
Como Implementar O Programa de Boas Vindas Em Microcomputadores Compativeis COM O Apple 2 (How to Implement the Welcome Program in Compatible Microcomputers Such as Apple 2).
N85-14586/0 **08**-*516,634* PC **A02**/MF **A01**

**INPE-3127-PRE/518**
Filtros Direcionais Em Microfita (Microstrip Directional Filters).
N85-11293/6 **04**-*509,185* PC **A02**/MF **A01**

**INPE-3129-PRE/520-PT-1**
Um Estudo das Funcoes de Similaridade DA Camada Limite Planetaria. Parte 1: Teoria (Study of the Functions of Similarity of the Planetary Boundary Layer. Part 1. Theory).
N85-27428/0 **19**-*542,260* PC **A03**/MF **A01**

**INPE-3130-PRE/521-V-2**
Um Estudo das Funcoes de Similaridade DA Camada Limite Planetaria. Parte 2: Resultados (Study of the Functions of Similarity of the Planetary Boundary Layer. Part 2. Results).
N85-27429/8 **19**-*542,261* PC **A03**/MF **A01**

**INPE-3131-PRE/522**
Politica Otima Para Um Sistema de Manutencao COM Controle Sobre a Distribuicao Do Tempo de Reparo (Optimum Policy for a System of Maintenance with Control by a Repair Time Distribution).
N84-34313/6 **01**-*501,678* PC **A02**/MF **A01**

**INPE-3132-PRE/523**
Problema de Determinacao de Politica Otima Para Sistemas de Manutencao COM Maquinas de Reserva E Numero Variavel de Servidores (Problem of Determining the Optimum Policy for Maintaining Systems with Spare Machines and a Number of Variable Servers).
N84-34312/8 **01**-*501,677* PC **A02**/MF **A01**

**INPE-3133-PRE/524**
Heuristica Para O Problema de Distribuicao de Cargas Pereciveis (Heuristic Method for the Problem of the Distribution of Perishable Cargos).
N84-34309/4 **01**-*500,256* PC **A02**/MF **A01**

**INPE-3134-PRE/525**
Desempenho, No Pior Caso, de Algumas Heuristicas Para Problemas de Tamanho de Lote (Worst Case Performance of Some Heuristics for Lot Size Problems).
N84-34205/4 **01**-*501,675* PC **A02**/MF **A01**

**INPE-3135-PRE/526**
Procaoc: Um Programa Para Calculo, Analise E Optimizacao de Circuitos Em Microondas (Procaoc: A Program for Computation, Analysis and Optimization of Circuits).
N84-34184/1 **01**-*501,380* PC **A02**/MF **A01**

**INPE-3137-NTE/219**
O Programa Nacional de Plataformas de Coleta de Dados: Informacoes Tecnicas Aos Usuarios (A National Program for Data Collection Platforms: Information Techniques for Users).
N84-34456/3 **02**-*503,825* PC **A03**/MF **A01**

**INPE-3140-TDL/166**
Simulacao de Um Sistema de Suprimento de Energia de Um Satelite (A Simulation of a Satellite Power Supply System).
N84-33446/5 **01**-*501,450* PC **A07**/MF **A01**

**INPE-3146-RPE/456**
Tracado Automatico de Carta Sinotica (Automatic Drawing of Synoptic Charts).
N84-34094/2 **01**-*500,229* PC **A02**/MF **A01**

**INPE-3147-PRE/531**

Sistemas de Planejamento Hierarquico Aplicado a Producao: Um Estudo (Hierarchical Planning Systems Applied to Production: A Study).
N84-34314/4 **01**-*500,257* PC **A04**/MF **A01**

**INPE-3148-NTE/220**

Sistema de Comutacao (Decommutation System).
N84-33639/5 **01**-*502,087* PC **A02**/MF **A01**

**INPE-3152-TDL/169**

Projeto de Dispositivos Ativos E Passivos Em Microondas COM Auxilio de Computador (Project Active and Passive Microwave Devices with Auxillary Computer).
N84-34185/8 **01**-*501,381* PC **A07**/MF **A01**

**INPE-3158-TDL/170**

Teoria Do Laser de Eletrons Livres (The Theory of Free Electron Lasers).
N84-33790/6 **01**-*502,396* PC **A08**/MF **A01**

**INPE-3159-PRE/533**

Experiencia Do Inpe No USO de Sensoriamento Remoto Para Estudos de Planejamento Urbano (Experience of the Institute of Space Research with the Use of Remote Sensing in Urban Planning Studies).
N85-27770/5 **19**-*543,494* PC **A02**/MF **A01**

**INPE-3161-NTE/221**

Visita Cientifica AO Instituto de Estudos Polares Do Japao (A Scientific Visit to the Institute of Polar Study of Japan).
N84-34097/5 **01**-*500,231* PC **A03**/MF **A01**

**INPE-3163-RPE/458**

Satelite Artificial-Movimento Orbital (Artificial Satellites, Orbital Motion).
N84-33445/7 **01**-*502,776* PC **A06**/MF **A01**

**INPE-3165-TDL/171**

Desenvolvimento de Um Sistema Automatico de Tratamento de Dados Magnetoteluricos (Development of an Automatic System for the Treatment of Magnetotelluric Data).
N84-34075/1 **01**-*501,979* PC **A08**/MF **A01**

**INPE-3166-PRE/536**

Equivalencia Entre Problemas de Maximizacao Sujeitos a Restricoes de Desigualdade (Equivalence Between Maximization Problems Subjected to Inequality Constraints).
N84-34206/2 **01**-*501,657* PC **A02**/MF **A01**

**INPE-3169-PRE/539**

Introducao a Geofisica DA Atmosfera (Introduction to Atmospheric Geophysics).
N84-34079/3 **01**-*500,190* PC **A02**/MF **A01**

**INPE-3173-PRE/543**

Oscilador de Microondas Controlado Por Tensao E Estabilizado for Cavidade Ressonante Em 1250 Mhz (A Microwave Oscillator Controlled by Pressure and Stabilized by a 1250 Mhz Cavity Resonator).
N84-33712/0 **01**-*501,270* PC **A02**/MF **A01**

**INPE-3174-RPE/459**

Objetivos, Atividades E Necessidades DOS Laboratorios de Simulacao Digital, de Simulacao Fisica de Sistemas de Controle de Atitude E de Orbita E de Controle Termico Do Departamento de Mecanica Esapacial E Controle (Objectives: Activities and Needs of the Digital Simulation Laboratory, Attitude and Orbit Control Systems, and the Thermal Control Laboratory of the Space Mechanics and Control Department).
N84-34311/0 **01**-*502,775* PC **A05**/MF **A01**

**INPE-3179-TDL/172**

Distribuicao Temporal E Latitudinal das Irregularidades Ionosfericas No Brasil, Atraves de Analise de Dados de Cintilacao Em VHF E Ionogramas (Temporal and Latitudinal Distribution of Ionosphere Irregularity in Brazil, Data Analysis of Scintillations in Very High Frequencies and Ionograms).
N84-34081/9 **01**-*500,192* PC **A06**/MF **A01**

**INPE-3189-PRE/553**

Propagacao de Ondas Eletromagneticas Em Meiod Magnetoionicos (Electromagnetic Wave Propagation in Magnetoionic Media).
N84-33640/3 **01**-*502,648* PC **A03**/MF **A01**

**INPE-3190-PRE/554**

Quimica DA Atmosfera (Atmospheric Chemistry).
N85-27430/6 **19**-*542,233* PC **A03**/MF **A01**

**INPE-3197-TDL/173**

Problema de Determinacao de Politica Otima Para Sistemas de Manutencao COM Maquinas de Reserva E Numero Variavel de Servidores (Problem of Determining the Optimal Policy for Maintenance Systems with Reserve Machines and a Variable Number of Servers).
N84-34310/2 **01**-*501,676* PC **A04**/MF **A01**

**INPE-3198-PRE/561**

Aprimoramentos No Processo de Desidratacao de Hidrazina Por Hidroxido de Sodio (Improvements in the Process of Dehydrating Hydrazine by Sodium Hydroxide).
N84-33531/4 **01**-*500,935* PC **A02**/MF **A01**

**INPE-3201-NTE/222**

Meteorologia Sinotica DA Antartica (Synoptic Meteorology in Antarctica).
N84-34095/9 **01**-*500,230* PC **A03**/MF **A01**

**INPE-3202-RPE/460**

Workshop Sobre Ciencias DA Atmosfera No Inpe a Meteorlogia DA Regiao Antartica (Atmospheric Science Workshop on the Meteorology of the Antarctic Region at INPE).
N84-34093/4 **01**-*500,228* PC **A03**/MF **A01**

**INPE-3209-PRE/566**

Varicao DA Ocorrencia DA Camada F Espalhada COM O Ciclo Solar Em Fortaleza E Cachoeira Paulista (The Variation of Range Type Spread F Occurrence with a Solar Cycle at Fortaleza and Cachoeira Paulista).
N84-34080/1 **01**-*500,191* PC **A02**/MF **A01**

**INPE-3210-TDL/174**

Estudo Comparativo Entre Diferentes Produtos de Sistemas Sensores Aplicados a Analise Litologico-Estrutural No Quadrilatero Ferrifero, Minas Gerais (A Comparative Study of Different Products of Sensor Systems Applied in a Lithologic-Structural Analysis of the Quadrilatero Ferrifero Area, Minas Gerais).
N84-33856/5 **01**-*501,174* PC **A06**/MF **A01**

**INPE-3211-TDL/175**

Fontes de Calor Nos Tropicos E Escoamentos Anoma Los de Larga Escala Associadas COM Anomalias de Precipitacao No Nordeste Do Brasil (Heat Sources in the Tropics and Large Scale Flow Anomalies Associated with Precipitation Anomalies in Northeast Brazil).
N85-13421/1 **07**-*514,414* PC **A05**/MF **A01**

**INPE-3215-PRE/568**

Sistema Grafico Para O Tracado de Cartas Sinoticas Por Computado (A Graphic System for Drawing Synoptic Maps by Computer).
N85-27474/4 **19**-*542,272* PC **A02**/MF **A01**

**INPE-3216-PRE/569**

Simbiose Entre Pos-Graduacao E Projetos de Pesquisa: Uma Experiencia Bem Sucedida (Symbiosis between Postgraduate Training and Research Projects: A Successful Experience).
N85-27330/8 **19**-*543,043* PC **A02**/MF **A01**

**INPE-3217-PRE/570**

Algumas Consideracoes Sobre Orbitas Elipticas Heliocentricas (Some Considerations on Elliptic Heliocentric Orbits).
N85-11926/1 **04**-*508,036* PC **A03**/MF **A01**

**INPE-3218-PRE/571**

Medidad de Campos Eletricos Atraves de Baloes Estratosfericos NA Regiao DA Anomalia Do Atlantico Sul (Measurements of Electric Fields Obtained by Stratospheric Balloons in the Region of the South Atlantic Anomaly).
N85-14335/2 **08**-*515,837* PC **A02**/MF **A01**

**INPE-3219-PRE/572**

Observacoes de Bolhas de Plasma E de Sua Deriva Zonal Usando Polarimetros (Observations of Plasma Bubbles and Their Zonal Drift Using Polarimeters).
N85-14688/4 **08**-*515,840* PC **A02**/MF **A01**

**INPE-3222-PRE/573**

Long Time Behaviour of the Interplanetary Magnetic Field-Sectorial Structure.
N84-35245/9 **02**-*502,875* PC **A02**/MF **A01**

**INPE-3223-PRE/574**

Impurity Cluster States in Disordered 2-Dimensional Systems: A Self-Consistent Hartree-Fock-Roothaan Model.
N84-35115/4 **02**-*505,114* PC **A02**/MF **A01**

**INPE-3224-PRE/575**

S-Micro - Sistema Para Simulacao de Unidade de Controle Microprogramada (S-Micro: A System for Simulating a Microprogrammed Control Unit).
N85-14585/2 **08**-*516,633* PC **A02**/MF **A01**

**INPE-3225-PRE/576**

Synoptic Study of the Influence of Extra-Tropical Latitude Systems on the Climatic Variability in Northeast Brazil.
N84-34824/2 **02**-*502,935* PC **A02**/MF **A01**

**INPE-3226-PRE/577**

Transient Convection over the Amazon/Bolivia Region and the Dynamics of Drought over Northeast Brazil.
N84-34823/4 **02**-*502,934* PC **A02**/MF **A01**

**INPE-3227-PRE/578**

Large Scale Tropical Heat Sources and Global Atmospheric Energy Propagation Associated with Droughts in Northeast Brazil.
N84-34806/9 **02**-*502,931* PC **A02**/MF **A01**

**INPE-3229-TDL/176**

PASCAL-Mp Manipulador Algebrico E Numerico de Polinomios (PASCAL-Mp Algebraic and Numerical Manipulator for Polynomials).
N85-11562/4 **04**-*509,120* PC **A05**/MF **A01**

**INPE-3230-PRE/580**

Vertical Mode Decomposition and Model Resolution.
N84-34805/1 **02**-*502,930* PC **A03**/MF **A01**

**INPE-3231-PRE/581**

Comportamento DA Regiao Ionosferica F Em Baixas Latitudes E Regiao Equatorial Do Brasil Durante Fortes Tempestades Magneticas, No Periodo 1978 - 1983 (Behavior of the Ionospheric F Region in Low Latitudes and in the Equatorial Region of Brazil During Strong Magnetic Storms in the 1978 to 1983 Period).
N85-14333/7 **08**-*515,835* PC **A02**/MF **A01**

**INPE-3232-PRE/582**

Representation of the Fokker-Plank Collision Term for Coulomb Interaction as Series of Legendre Polynomials.
N84-35006/5 **02**-*505,050* PC **A03**/MF **A01**

**INPE-3233-PRE/583**

Nonlinear Effects in Electron Cyclotron Resonance Heating of Plasmas.
N84-35103/0 **02**-*505,051* PC **A02**/MF **A01**

**INPE-3235-PRE/584**

Stochastic Control of Pitch Motion of Satellites Using Stabilizing Flaps.
N84-34458/9 **02**-*505,237* PC **A03**/MF **A01**

**INPE-3236-PRE/585**

Parameter Identification and State Estimation for Distributed Parameter Systems.
N84-35004/0 **02**-*504,129* PC **A02**/MF **A01**

**INPE-3238-PRE/586**

Few Necessary Considerations for the Use of the Finite Element Methods by Non-Specialists.
N84-35005/7 **02**-*504,130* PC **A03**/MF **A01**

**INPE-3240-RPE/463**

Metodos Numericos Para a Resolucao de Sistemas de Equacoes Lineares (Numerical Methods for Solving Systems of Linear Equations).
N85-11633/3 **04**-*509,517* PC **A03**/MF **A01**

**INPE-3241-PRE/587**

New Class of Solar Burst with mm-Wave Emission But Only at the Highest Frequency (90 Ghz).
N84-35264/0 **02**-*502,880* PC **A02**/MF **A01**

**INPE-3242-PRE/588**

Meteor Showers Effects in the Low Terrestrial Ionosphere Detected at VLF Ionosonde and Long Distance Propagation Paths.
N84-35246/7 **02**-*502,903* PC **A02**/MF **A01**

**INPE-3244-PRE/590**

Fault-Tolerant Multiprocessing Unit for on-Board Satellite Supervision and Control.
N84-34500/8 **02**-*505,244* PC **A02**/MF **A01**

**INPE-3257-TDL/177**

Analise E Simulacao de Um Sistema Inercial (Strapdown) de Determinacao de Atitude Auxiliado Por Estimacao Adaptativa DA Deriva (Analysis and Simulation of an Intertial System (Strapdown) for Auxiliary Attitude Determination by Adaptive Drift Estimation).
N85-12882/5 **07**-*515,303* PC **A07**/MF **A01**

**INPE-3259-NTE/223**

Projeto Serge: Trabalho de Campo Referente AO Experimento Sir-a No Brasil (Fase 2) (Shuttle Experimental Radar for Geological Exploration (SERGE) Project: Field Work Relating to the Shuttle Experimental Radar A (SIR-A) in Brazil (Phase 2)).
N85-11444/5 **04**-*508,937* PC **A09**/MF **A01**

**INPE-3260-RPE/464**

Contouring Program for Generation of Sea Surface Temperature Maps.
N84-34906/7 **02**-*503,740* PC **A03**/MF **A01**

**INPE-3262-TDL/178**

Proposta de Um Sistema Semi-Automatico Para Teste de Programas (Proposal for a Semiautomatic Program Testing System).
N85-11561/6 **04**-*509,119* PC **A06**/MF **A01**

**INPE-3263-PRE/594**

Note on the Eigenvalues of a Layered System.
N84-35007/3 **02**-*503,741* PC **A02**/MF **A01**

**INPE-3264-PRE/595**

Study of the Influence of Extra-Tropical Latitude Systems on the Climatic Variability in Northeast Brazil.
N84-34825/9 **02**-*502,936* PC **A03**/MF **A01**

**INPE-3267-NTE/224**

Sistema Sitim - Utilizacao Do Supervisorio (SITIM System: Supervisor Utilization).
N85-11565/7 **04**-*509,123* PC **A02**/MF **A01**

**INPE-3268-NTE/225**

Relatorio Do Trabalho de Campo Realizado NAS Bacias DOS Rios Quebra Osso E Tanque Preto, NA Quadricula de Catas Altas, Minas Gerais (Report of the Field Work Performed in the Basins of the Quebra Osso and Tanque Petro Rivers in the Catas Altas Quadrangle, Minas Gerais).
N85-13359/3 **07**-*514,745* PC **A04**/MF **A01**

**INPE-3271-PRE/596**

Aumentos Noturnos NA Ionizacao DA Regiao Ionosferica F Em Baixa Latitude No Brasil Durante Tempestades Magneticas (Nocturnal Increases of Ionization in the Ionospheric F Region in the Low Latitude of Brazil During Magnetic Storms).
N85-14334/5 **08**-*515,836* PC **A02**/MF **A01**

**INPE-3272-PRE/597**

Nonlinear Temporal Modulation of Pulsar Radioemission.
N84-35282/2 **02**-*502,883* PC **A02**/MF **A01**

**INPE-3274-PRE/598**

Are Droughts Predictable.
N84-34826/7 **02**-*502,937* PC **A02**/MF **A01**

**INPE-3275-PRE/599**

22 Ghz Continuum and Spectral Index Maps of the Galactic Center Region.
N84-35239/2 **02**-*502,870* PC **A02**/MF **A01**

**INPE-3276-PRE/600**

Otimizacao de Vasos de Pressao Do Tipo Esferas Interceptantes (Optimization of Pressure Vessels with Standard Intercepting Spheres).
N85-20397/4 **14**-*532,240* PC **A02**/MF **A01**

**PE-3278-PRE/601**

Um Analisador Portatil de Pulsos Para Geofisica Nuclear Usando O Microcomputador DA Linha Sinclair-TK (A Porta-ble Pulse Analyzer for Nuclear Geophysics Using a Sinclair-TK Microcomputer).
N85-27666/5 **19**-*543,838* PC **A02**/MF **A01**

**PE-3279-PRE/602**

onospheric Research at INPE.
N85-19556/8 **13**-*528,417* PC **A02**/MF **A01**

**PE-3280-PRE/603**

Recent Investigations at INPE in Magnetospheric Physics and Geomagnetism.
N85-19555/0 **13**-*528,416* PC **A02**/MF **A01**

**PE-3281-PRE/604**

Jpper Atmosphere Research at INPE.
N85-19557/6 **13**-*528,418* PC **A02**/MF **A01**

**PE-3282-RPE/466**

Jso de Microprocessadores NAS Estacoes de Rastreio E Controle de Satelites DA Mecb (The Application of Micro-rocessors in the Command and Control of Satellites by he MECB Stations).
N85-11553/3 **04**-*510,555* PC **A02**/MF **A01**

**PE-3283-PRE/605**

Percurso DA Anomalia Magnetica Brasileira Entre 1922 E 969 (Precursors for Brazilian Magnetic Anomalies from 922 to 1969).
N85-20590/4 **14**-*530,909* PC **A02**/MF **A01**

**PE-3284-NTE/226**

Sistema Sitim - Modulo Gerenciador (SITIM System: Object Manager Module).
N85-11564/0 **04**-*509,122* PC **A03**/MF **A01**

**PE-3291-PRE/606**

Comments on the Paper by F. Pegoraro, L. Sugiyama: Spa-al Diffusion of Charged High-Energy Fusion Products by hear Alfven Perturbations.
N85-27675/6 **19**-*544,231* PC **A03**/MF **A01**

**PE-3292-PRE/607**

ow-Cost, General Purpose Image Processing System.
N85-19690/5 **13**-*529,201* PC **A02**/MF **A01**

**E-3294-PRE/609**

) Use Do Hidrazine COMO Fonte Alternativa de Energia The Use of Hydrazine as an Alternate Source of Energy).
N85-21397/3 **14**-*532,822* PC **A02**/MF **A01**

**E-3295-PRE/610**

nvestigation on the Burning of Unpulverized Coal in a Self xcited Acoustic Field.
N85-19035/3 **13**-*530,574* PC **A02**/MF **A01**

**E-3296-PRE/611**

esenvolvimento de Um Sistema Grafico: Um Exemplo No racado de Cartas Sinoticas (Development of a Graphic ystem: Example Using the Outline of Synoptic Charts).
85-27327/4 **19**-*542,258* PC **A02**/MF **A01**

**E-3297-PRE/612**

emote Sensing Activities in Latin America.
85-19501/4 **13**-*529,824* PC **A02**/MF **A01**

**E-3301-PRE/613**

emianalytical, Artificial Satellite Orbit Propagation Proce-ure Based on Optimal Parameter Estimation.
85-18997/5 **13**-*530,733* PC **A02**/MF **A01**

**E-3302-PRE/614**

se of Image Registration Technique in Brasilia's Urban rowth Monitoring.
85-19896/8 **13**-*529,643* PC **A02**/MF **A01**

**F-3304-PRE/615**

anational Calculation of the 2D H2 Molecule.
85-19796/0 **13**-*528,992* PC **A02**/MF **A01**

**E-3305-PRE/616**

se of Synthesis Method in the Design of Gyrotron Elec-on Guns.
85-19329/0 **13**-*529,120* PC **A03**/MF **A01**

**E-3307-PRE/617**

articipacao das Tecnicas de Sensoriamento Remoto NA esquisa Geografica Brasileira (The Sharing of Remote ensing Techniques in Brazilian Geographic Research).
85-19502/2 **13**-*529,037* PC **A02**/MF **A01**

**E-3308-PRE/618**

guns Aspectos DA Circulacao DA Atmosfera Proxima a merica Do Sul E Interacoes COM a Regiao Antartica Some Aspects of Atmospheric Circulation Near South merica and Interactions with the Antarctic Regions).
85-19561/8 **13**-*528,445* PC **A05**/MF **A01**

**E-3313-PRE/620**

razilian Remote Sensing Shuttle Experiment (BRESEX): haracteristics and Future Utilization on Satellites.
85-19385/2 **13**-*530,709* PC **A02**/MF **A01**

**E-3314-PRE/621**

Emprego de Sensoriamento Remoto No Brasil (Function Remote Sensing in Brazil).
85-27329/0 **19**-*542,923* PC **A02**/MF **A01**

**E-3315-PRE/622**

ELPER No Brasil (SELPER (Latin American Society of emote Sensory Specialists)).
85-27328/2 **19**-*544,462* PC **A02**/MF **A01**

**INPE-3316-NTE/227**

Introducao AO Barramento IEEE-488 (GPIB) (Introduction to the IEEE-488 Bus).
N85-28613/6 **20**-*545,213* PC **A03**/MF **A01**

**INPE-3320-TDL/180**

Sistema Simulador Do Gerador Solar de Satelites Artificiais (A System Simulator for the Solar Generator of Artificial Satellites).
N85-20534/2 **14**-*531,799* PC **A09**/MF **A01**

**INPE-3325-PRE/624**

Processamento Digital de Imagens (Digital Imaging Processing).
N85-20696/9 **14**-*531,681* PC **A14**/MF **A01**

**INPE-3327-PRE/625**

Development of the TT and C Station Equipment at INPE.
N85-18999/1 **13**-*530,735* PC **A02**/MF **A01**

**INPE-3329-PRE/626**

R and D Project Selection Problem with Fuzzy Coefficients.
N85-19871/1 **13**-*528,474* PC **A03**/MF **A01**

**INPE-3333-TDL/182**

Variacoes Interanuais DA Circulacao Geral de Inverno No Hemisferio Norte E DA Oscilacao Sul (Meridional) E Suas Possiveis Conexoes COM O Clima Do Nordeste Brasileiro (Interannual Variations of the Winter Circulation in the Northern Hemisphere and in the Southern Oscillation (Meridian) and Their Possible Connections with the Climate of Northeast Brazil).
N85-19573/3 **13**-*528,454* PC **A05**/MF **A01**

**INPE-3349-PRE/628**

SINOGRAFO: Um Pacote Para O Auxilio a Previsao de Tempo (SINOGRAFO: A System for Influencing and Forecasting Weather).
N85-27475/1 **19**-*542,273* PC **A02**/MF **A01**

**INPE-3350-PRE/659**

Sistema Diagnostico (Diagnostic System).
N85-27519/6 **19**-*542,597* PC **A02**/MF **A01**

**INPE-3351-PRE/630**

Planetary Scale Circulation Anomalies Associated with Droughts over Northeast Brazil.
N85-19570/9 **13**-*528,451* PC **A02**/MF **A01**

**INPE-3352-PRE/631**

Um Metodo de Interpolacao COM Possibilidade de Corrigir as Primeiras Derivadas (An Interpolation Method with the Possibility of First Derivative Correction).
N85-27590/7 **19**-*543,050* PC **A02**/MF **A01**

**INPE-3355-PRE/633**

Utilizacao Do Reduce 2 Para Programacao Simbolica (Use of REDUCE 2 for Symbolic Programming).
N85-27544/4 **19**-*543,046* PC **A02**/MF **A01**

**INPE-3356-PRE/634**

Estudo DA Degradacao DA Corrente de Curto Circuito E Tensao de Circuito Aberto de Celulas Solares de Qualificacao Espacial Em Funcao DA Fluencia de Eletrons de 1MEV (Study of the Degradation of Short-Circuit Current and the Open-Circuit Tension of Spatial Solar Cells as a Function of the Fluency of 1MeV Electrons).
N85-27814/1 **19**-*543,140* PC **A03**/MF **A01**

**INPE-3357-PRE/635**

BRESEX Multispectral Camera: Preliminary Characteristics.
N85-19386/0 **13**-*529,859* PC **A02**/MF **A01**

**INPE-3358-PRE/636**

Metal-Nonmetal Transitions in n-Doped Many-Valley Si and Ge.
N85-19848/9 **13**-*530,554* PC **A02**/MF **A01**

**INPE-3359-PRE/637**

Estudo Comparativo DA Analise Digital de Areas de Solo Preparado Para Plantio Utilizando Diferentes Algoritmos de Classificacao (Comparative Study of the Digital Analysis of Areas of the Earth's Surface Prepared for Planting Using Different Classification Algorithms).
N85-27545/1 **19**-*543,047* PC **A02**/MF **A01**

**INPE-3360-PRE/638**

Radon Concentration Inversion in the Troposphere: Still Unexplained.
N85-27431/4 **19**-*542,234* PC **A02**/MF **A01**

**INPE-3378-PRE/653**

Observations of Airglow O2(1-sigma) Atmospheric Band at 8645 A and the Rotational Temperature at 23 Deg S.
N85-27435/5 **19**-*542,238* PC **A02**/MF **A01**

**INPE-3380-TDL/185**

Medidas de Linhas Nucleares COM Um Telescopio Ge(Li) Duplo a Bordo de Balao Estratosferico (Measurement of Nuclear Lines with a Dual Ge(Li) Telescope Aboard a Stratospheric Balloon).
N85-21083/9 **14**-*530,870* PC **A05**/MF **A01**

**INPE-3384-RPE/470**

Thermospheric Winds Observed by OI6300A Doppler Shifts at 23 Deg S in the Brazilian Sector.
N85-27479/3 **19**-*542,241* PC **A02**/MF **A01**

**INPE-3387-PRE/658**

Surface Interpolation Using Weighted Splines.
N85-27591/5 **19**-*543,051* PC **A02**/MF **A01**

**INPE-3393-PRE/664**

Proposed Energy Systems for the Brazilian Data Collection Satellite.
N85-26856/3 **19**-*544,461* PC **A02**/MF **A01**

**INPE-3394-TDL/186**

Um Metodo Para Reducao de Ambiguidade Em Segmentacao de Imagens (A Method for Reduction of Ambiguity in Segmentation of Images).
N85-20664/7 **14**-*531,678* PC **A06**/MF **A01**

**INPE-3395-PRE/665**

Optimum Convection Conditions for Czochralski Growth of Semiconductors.
N85-27703/6 **19**-*543,983* PC **A02**/MF **A01**

**INPE-3397-PRE/666**

First Sodium Nightglow Results for Natal.
N85-19560/0 **13**-*528,420* PC **A02**/MF **A01**

**INPE-3398-PRE/667**

Atmospheric Radon Measurements in the Antarctic Penninsula: A Preliminary Report.
N85-27436/3 **19**-*543,921* PC **A02**/MF **A01**

**INPE-3399-PRE/666**

Survey of VLF-OMEGA Transmissions Received During Summer at Antarctic Peninsula.
N85-19223/5 **13**-*529,957* PC **A02**/MF **A01**

**INPE-3400-PRE/669**

Brazil Future Plans in Upper Atmosphere Research in Antarctica.
N85-19559/2 **13**-*528,419* PC **A02**/MF **A01**

**INPE-3401-PRE/670**

U, Th, K Content, Heat Production and Thermal Conductivity of Sao Paulo, Brazil Continental Shelf Sediments: A Reconnaissance Work.
N85-19558/4 **13**-*529,098* PC **A02**/MF **A01**

**INPE-3405-PRE/674**

Large Scale Circulation Anomalies and Prediction of Northeast Brazil Droughts.
N85-19571/7 **13**-*528,452* PC **A02**/MF **A01**

**INPE-3406-PRE/675**

Density of Impurity States Associated to Inversion Layers.
N85-27702/8 **19**-*544,301* PC **A03**/MF **A01**

**INPE-3407-PRE/676**

Meridional Penetration of Frontal Systems in South America and Its Relation to Organized Convection in the Amazon.
N85-19572/5 **13**-*528,453* PC **A02**/MF **A01**

**INPE-3408-PRE/677**

Droughts and Floods in South America Due to the 1982-83 El Nino-Southern Oscillation Episode.
N85-18535/3 **12**-*526,037* PC **A02**/MF **A01**

**INPE-3412-PRE/678**

Drought in Northeast Brazil 1983.
N85-27476/9 **19**-*542,274* PC **A02**/MF **A01**

**INPE-3413-PRE/679**

Diffusion Coefficients for Coastal Water Determined from Aerial Photographs.
N85-27331/6 **19**-*542,886* PC **A02**/MF **A01**

**INPE-3421-PRE/686**

Relevance of Remote Sensing to Brazil.
N85-27332/4 **19**-*544,430* PC **A03**/MF **A01**

**INPE-3424-PRE/687**

BRESEX Multispectral Camera: Preliminary Characteristics.
N85-27195/5 **19**-*543,719* PC **A02**/MF **A01**

**INPE-3439-PRE/696**

Dependence of Equatorial F-Region Plasma Bubble Rise Velocity and Dynamo Electric Field on Solar Cycle.
N85-27434/8 **19**-*542,237* PC **A02**/MF **A01**

**INPE-3447-PRE/700**

Electronic Density of States for the Double Donor System Si:P, As.
N85-27700/2 **19**-*544,299* PC **A02**/MF **A01**

**INPE-3448-PRE/701**

Electric Field and Energy Transfer by Magnetopause Reconnection.
N85-27432/2 **19**-*542,235* PC **A02**/MF **A01**

**INPE-3452-PRE/704**

Some Physical Impurity Properties of Doped-Indirect Gap Semiconductors at Low and Intermediate Concentrations.
N85-27701/0 **19**-*544,300* PC **A02**/MF **A01**

**INPE-3453-PRE/705**

Periodic Cluster Simulation of a Disordered Impurity System.
N85-27628/5 **19**-*544,297* PC **A02**/MF **A01**

**INPE-3469-PRE/712**

X-Ray Intensification at Balloon Altitudes of the South Atlantic Magnetic Anomaly in Association with Geomagnetic Activity.
N85-27437/1 **19**-*542,239* PC **A02**/MF **A01**

**INPE-3470-PRE/713**

Radar Return from Vegetation Covered Terrain.
N85-27093/2 **19**-*543,791* PC **A02**/MF **A01**

**INPE-3476-PRE/719**

INPE's Line Imaging Camera: Preliminary Results.
N85-27194/8 **19**-*543,718* PC **A02**/MF **A01**

**INPE-3477-PRE/720**
Appraisal of the Duration of the Recent Drought in Northeast Brazil and a Forecast for 1985.
N85-27478/5 **19**-*542,276* PC **A02**/MF **A01**

**INPE-3478-PRE/721**
Microwaves and Hard X-Rays Ultrafast Time Structures at the Impulsive Phase of Solar Bursts.
N85-27816/6 **19**-*542,214* PC **A02**/MF **A01**

**INPE-3479-PRE/722**
Acousto-Optical Spectrometers at Itapetinga Radio Observatory.
N85-27776/2 **19**-*543,689* PC **A02**/MF **A01**

**INPE-3480-PRE/723**
Radio Observations of Comet P/Crommelin.
N85-27777/0 **19**-*542,204* PC **A02**/MF **A01**

**INPE-3481-PRE/724**
Calibration Methods in Millimeter-Wave Radioastronomy.
N85-27778/8 **19**-*542,205* PC **A02**/MF **A01**

**INPE-3483-PRE/726**
Impurity Bands Associated with MOS Inversion Layers.
N85-27704/4 **19**-*544,302* PC **A02**/MF **A01**

**INPE-3492-PRE/729**
Comparison of a Diffusion Model with Dye Dispersion Measurements to Study Turbulence in Coastal Waters.
N85-27504/8 **19**-*542,888* PC **A03**/MF **A01**

**INPE-3494-PRE/731**
Equatorial F-Region Irregularity Latitudinal Extension and Dynamo Electric Field.
N85-27433/0 **19**-*542,236* PC **A02**/MF **A01**

**INPE-3495-PRE/732**
Shallow Impurity Cluster States in n-Type Semiconductors.
N85-27699/6 **19**-*544,298* PC **A03**/MF **A01**

**INPE-3499-PRE/735**
Tropical Oceans-Global Atmosphere (TOGA) Experiment Planning for the Brazilian Participation in TOGA Global Climate Program.
N85-27477/7 **19**-*542,275* PC **A02**/MF **A01**

**INPE-3503-PRE/738**
Experiments Using Atmospheric Forcing from a FGGE Analysis to Drive an Upper Ocean Model.
N85-30576/1 **22**-*549,443* PC **A03**/MF **A01**

**INPE-3515-PRE/740**
Micrometeorology of an Amazonian Rainforest.
N85-30551/4 **22**-*549,359* PC **A03**/MF **A01**

**INPE-3531-RPE/477**
Dynamical Climatology of the Amazon Basin and Associated Rain Producing Mechanisms.
N85-30552/2 **22**-*549,440* PC **A03**/MF **A01**

**INPE-3536-PRE/752**
Method to Estimate the Self-Consistency Effects on Electronic Structure Calculations.
N85-30936/7 **22**-*551,799* PC **A02**/MF **A01**

**INPE-3538-PRE/754**
Northeast Brazil Droughts and Atlantic SST (Sea Surface Temperature) Anomalies.
N85-30553/0 **22**-*549,441* PC **A02**/MF **A01**

**INPE-3539-PRE/755**
Atmospheric X-rays at 11 Deg S Geomagnetic Latitude.
N85-31004/3 **22**-*549,418* PC **A02**/MF **A01**

**INPE-3545-PRE/758**
Single-Dish High Sensitivity Determination of Solar Limb Emission at 22 and 44 Ghz.
N85-30999/5 **22**-*549,394* PC **A02**/MF **A01**

**INPE-3552-PRE/764**
Ion-Acoustic Double Layer in a Magnetic Picket Fence Configuration.
N85-30898/9 **22**-*551,697* PC **A02**/MF **A01**

**INPE-3555-PRE/766**
Tropical Ozone: Seasonal Variations in the Troposphere at 6 Deg S.
N85-30535/7 **22**-*549,416* PC **A02**/MF **A01**

**INR-1641/20/D/B**
Method and Apparatus for S and exp 35 S Analysis in Steel Labelled by exp 35 S.
INR-1641/20/D/B **20** *544,995* PC **A02**/MF **A01**

**INS-J-166**
Calculation of the Performance of the INS Iron-Free pi Sqrt 2 Spectrometer as a Spectrograph.
DE85780558 **16**-*536,587* PC **A02**/MF **A01**

**INS-M-75**
Rb-Sr System. Chemical Procedures.
DE85701451 **24**-*556,286* PC **A04**/MF **A01**

**INS-NUMA-33**
On-Line Beam Control and Diagnosis System of TARN.
DE84702025 **01**-*502,429* PC **A03**/MF **A01**

**INS-NUMA-36**
Proceedings of the Study Meeting on Nuclear Physics of Intermediate Energy.
DE85780069 **10**-*523,027* PC **A05**/MF **A01**

**INS-NUMA-37**
Reports of Workshop on Structure of Hypernuclei.
DE85780070 **09**-*520,571* PC **A08**/MF **A01**

**INS-NUMA-38**
Japanese Facilities for HIF Accelerator Development.
DE84702026 **01**-*502,430* PC **A03**/MF **A01**

**INS-NUMA-39**
Backward Emission Mechanism of Energetic Protons Studied from Two-Particle Correlations in 800 MeV Proton-Nucleus Collisions.
DE84701993 **01**-*502,477* PC **A06**/MF **A01**

**INS-NUMA-40**
Atomic Mass Prediction from the Mass Formula with Empirical Shell Terms.
DE84701992 **01**-*502,476* PC **A05**/MF **A01**

**INS-NUMA-42**
Reports of Workshop on Accelerator in NUMATRON.
DE85780063 **09**-*520,299* PC **A08**/MF **A01**

**INS-NUMA-43**
Investigation of Space Charge Controlled Injection into the RFQ Linac.
DE84702027 **01**-*502,431* PC **A02**/MF **A01**

**INS-NUMA-44**
Reports of Workshop on Nuclei Far from Stability.
DE85780870 **18**-*541,809* PC **A09**/MF **A01**

**INS-NUMA-45**
Lecture Notes on High-Current Beam Dynamics.
DE84703269 **09**-*520,246* PC **A04**/MF **A01**

**INS-NUMA-46**
Hadron-Quark Matter Phase Transition.
DE85700326 **15**-*534,874* PC **A03**/MF **A01**

**INS-NUMA-47**
High Energy Hadron-Nucleus Collision.
DE85700336 **15**-*534,883* PC **A03**/MF **A01**

**INS-NUMA-48**
Coupling Impedance of a Ferrite Pick-Up Probe.
DE85780547 **15**-*534,833* PC **A02**/MF **A01**

**INS-NUMA-49**
Equipment for Momentum Cooling at TARN.
DE85700408 **15**-*534,819* PC **A04**/MF **A01**

**INS-NUMA-50**
Characteristics of Sextupole Magnets for TARN.
DE84703271 **09**-*520,248* PC **A03**/MF **A01**

**INS-NUMA-52**
Report of the Workshop for Searching Future Direction of INS-LBL Joint Research.
DE85700337 **15**-*534,884* PC **A06**/MF **A01**

**INS-NUMA-53**
Studies of Nuclear Physics with Medium and High Energy Heavy Ions.
DE85700338 **15**-*534,885* PC **A03**/MF **A01**

**INS-NUMA-54**
Characteristic Behavior of Resonance in TARN.
DE85701348 **25**-*559,482* PC **A03**/MF **A01**

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DE85780071 **09**-*520,572* PC **A07**/MF **A01**

**INS-PT-31**
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DE84701991 **01**-*502,475* PC **A05**/MF **A01**

**INS-R-305**
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DE85701534 **22**-*551,610* PC **A02**/MF **A01**

**INS-R-308**
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**INS-R-315**
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DE85701535 **22**-*550,095* PC **A03**/MF **A01**

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**INS-R-320**
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**INS-R-321**
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**INS-TH-150**
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DE84703297 **12**-*527,714* PC **A02**/MF **A01**

**INS-TH-152**
Microcomputer-Aided Monitor for Liquid Hydrogen Target System.
DE84703274 **09**-*520,250* PC **A02**/MF **A01**

**INS-TL-144**
Analytical Orbit Calculation of the INS Air-Core pi Sqrt 2 beta -Ray Spectrometer for the Measurement of Electron Anti-Neutrino Mass. Simultaneous Use of an Extended Source and a Position Sensitive Counter.
DE84703296 **12**-*527,713* PC **A06**/MF **A01**

**INS-TL-145**
Operating Procedure for Data Acquisition System at SF Cyclotron OLDASS in Low Energy Department of Institute for Nuclear Study.
DE85701067 **24**-*556,757* PC **A05**/MF **A01**

**INS-TL-146**
Beam Alignment Technique for Extracted Beam of the SF Cyclotron.
DE85700920 **20**-*546,557* PC **A02**/MF **A01**

**INS-TS-22**
Report of the Study Meeting on Fast Monochromatic Neutrons and Their Interdisciplinary Use.
DE85700873 **20**-*546,545* PC **A04**/MF **A01**

**INS-457**
Spontaneous Breakdown of Supersymmetry Due to Gauge Interactions.
DE84701956 **02**-*504,996* PC **A02**/MF **A01**

**INS-459**
Dynamical Stability of the BRS Supersymmetry and the Gribov Problem.
DE84701957 **02**-*504,997* PC **A03**/MF **A01**

**INS-460**
Annihilation Interaction, Mean Collision Number and Average Multiplicity in Antiproton-Nucleus Collisions.
DE84703236 **09**-*520,353* PC **A03**/MF **A01**

**INS-461**
Path Integral Measure for Gravitational Interactions.
DE84701947 **02**-*505,062* PC **A02**/MF **A01**

**INS-462**
High Multiplicity Events in Ultra-Relativistic Heavy Ion Collisions.
DE84703234 **09**-*520,351* PC **A02**/MF **A01**

**INS-463**
Fundamental Theory of Composite Particles and Fields.
DE85700130 **09**-*520,530* PC **A02**/MF **A01**

**INS-464**
Nucleus as a Canonical Ensemble.
DE84703235 **09**-*520,352* PC **A03**/MF **A01**

**INS-465**
Deconfining and Chiral Phase Transitions in Quantum Chromodynamics at Finite Temperature.
DE84703226 **09**-*520,347* PC **A02**/MF **A01**

**INS-467**
Geometry of the Self-Consistent Collective-Coordinate Method for the Large-Amplitude Collective Motion. Stability Condition of 'Maximally-Decoupled' Collective Submanifold.
DE85700136 **09**-*520,536* PC **A03**/MF **A01**

**INS-468**
Widths of Isovector Monopole Resonances.
DE85700140 **09**-*520,538* PC **A02**/MF **A01**

**INS-469**
Weak-Symmetry Breaking and Top-Quark Mass in Softly Broken Supersymmetric Models.
DE85700133 **09**-*520,533* PC **A02**/MF **A01**

**INS-471**
Thermalization of Central Products in Ultra-Relativistic Heavy Ion Collisions.
DE85700141 **09**-*520,539* PC **A02**/MF **A01**

**INS-475**
Energy and Momentum Dissipations of a Few GeV Hadron in the Nucleus.
DE85700142 **09**-*520,540* PC **A02**/MF **A01**

**INS-476**
Strong Coupled-Reaction-Channel Scheme with the Hybridization of the Valence Nucleon in the sup 12 C + sup 13 C System.
DE85700143 **09**-*520,541* PC **A02**/MF **A01**

**INS-477**
Solution of the Stationary Vacuum Equations of Relativity for Conformally Flat 3-Spaces.
DE85700801 **18**-*541,852* PC **A02**/MF **A01**

**INS-478**
Coupled-Reaction-Channel Approach for Molecular Orbital Phenomena of Valence Nucleons in Heavy Ion Collisions. The sup 12 C + sup 13 C System.
DE85700869 **20**-*546,728* PC **A05**/MF **A01**

**INS-480**
Rho-Parameter in Supersymmetric Models.
DE85700853 **20**-*546,714* PC **A02**/MF **A01**

**INS-481**
Masses of the Light Hadrons in the Chiral and Cloudy Bag Models.
DE85700848 **20**-*546,709* PC **A03**/MF **A01**

**INS-482**
Measurements of Pd Quasi-Elastic Scattering in 800 MeV pA Collision, and Momentum Spread of Pn System inside Nucleus.
DE85700874 **20**-*546,730* PC **A02**/MF **A01**

# 1985 NTIS ORDER/REPORT NUMBER INDEX

**INT-(84)-1**
Updating of the LEOPARD Data Library.
DE84702889 **09**-*520,332* PC **A02**/MF **A01**

**INT-163/I**
Application of Low Power X-Ray Tubes in Geology.
DE84703407 **15**-*533,675* PC **A02**/MF **A01**

**NTERNATIONAL PUB SER/STAFF-1**
Spontaneous Colonization in Peru and Paraguay: BIFAD (Board for International Food and Agricultural Development) Study Tour Report,
PB85-147577 **10**-*521,333* PC **A03**/MF **A01**

**NTERNATIONAL PUB SER/TR-2**
Increasing Agricultural Production in Peru and Paraguay: The Role of Incentives,
PB85-147585 **08**-*515,771* PC **A03**/MF **A01**

**NTERNATIONAL-1**
Information Flows and Institutional Functions Related to Problems of Small Farmers,
PB85-192128 **17**-*537,046* PC **A03**/MF **A01**

**NTERVALL-BER-84/6**
Intervall-Iterationsverfahren fuer Nichtlineare Gleichungssysteme: Theorie und Praktischer Vergleich am Computer (Interval Iteration Methods for Nonlinear Equation Systems: Theory and Comparison on Computer).
N85-14612/4 **08**-*516,969* PC **A06**/MF **A01**

**NTSOY-20**
Irrigated Soybean Production in Arid and Semi-Arid Regions. Proceedings of a Conference Held in Cairo, Egypt.
PB85-113223 **02**-*502,839* PC **A06**/MF **A01**

**OH-91**
Microcomputer Programs to Assist the Acquisition and Interpretation Resistivity Sounding Data,
PB85-182491 **15**-*533,748* PC **E04**/MF **E04**

**OH-92**
Use of Gypsum Resistance Blocks for Measuring Soil Water Potential in the Field,
PB85-230613 **23**-*552,743* PC **E04**/MF **E04**

**OH-93**
Analysis of Digital Radar Data from SAR-580 in Relation to Soil/Vegetation Moisture and Roughness,
PB85-183135 **16**-*535,346* PC **E04**/MF **E04**

**OM-TM-85/2**
Studies of the Scottish Oil Shale Industry. Volume 1. Histo-
ry of the Industry, Working Conditions, and Mineralogy of
Scottish and Green River Formation Shales. Final Report.
DE85013323 **21**-*547,859* PC **A06**/MF **A01**

Studies of the Scottish Oil Shale Industry. Volume 1. Histo-
ry of the Industry, Working Conditions, and Mineralogy of
Scottish and Green River Formation Shales.
PB85-233617 **23**-*552,715* PC **E07**/MF **E07**

**M-TM-85/3**
Studies of the Scottish Oil Shale Industry. Final Report.
Volume 2. Shale Workers' Pneumoconiosis and Skin Condi-
tions: Epidemiological Surveys of Surviving Ex-Shale Work-
ers.
DE85013324 **23**-*554,390* PC **A08**/MF **A01**

Studies of the Scottish Oil Shale Industry. Volume 2. Shale
Workers' Pneumoconiosis and Skin Conditions: Epidemio-
logical Surveys of Surviving Ex-Shale Workers.
PB85-233625 **23**-*552,331* PC **E09**/MF **E09**

**M-TM-85/4**
Studies of the Scottish Oil Shale Industry. Volume 3.
Causes of Death of Scottish Oil Shale Workers. Final
Report.
DE85013325 **23**-*554,391* PC **A06**/MF **A01**

Studies of the Scottish Oil Shale Industry. Volume 3.
Causes of Death of Scottish Oil Shale Workers.
PB85-233633 **23**-*552,332* PC **E07**/MF **E07**

**M-84-04**
Career Achievements of NIH (National Institutes of Health)
Predoctoral Trainees and Fellows.
PB85-171460 **13**-*528,637* PC **A07**/MF **A01**

**S/CRUISE-149**
Geochemical Sampling in the North Atlantic, June 15-July
10, 1984,
PB85-183176 **16**-*535,953* PC **E03**/MF **E03**

**S/CRUISE-167**
RRS CHALLENGER Cruise 6/84, August 31-September
1984, Mooring Recovery in Faeroe-Shetland Channel and
Mooring Deployment and Associated Work on Porcupine
Slope,
PB85-183168 **16**-*535,952* PC **E03**/MF **E03**

**S-REP-158**
Preliminary Studies of the Total Cation Exchange Capacity
f Sediments from Two North Atlantic Study Sites.
DE84703521 **10**-*521,893* PC **A03**/MF **A01**

**S-REP-165**
CTD Data from the N.E. Atlantic 31 Deg N - 46 Deg N, July
982 Discovery Cruise 130.
DE85700390 **17**-*537,849* PC **A05**/MF **A01**

**S-REP-166**
ing's Trough Flank: Geological and Geophysical Investiga-
ons of Its Suitability for High-Level Radioactive Waste Dis-
osal.
DE84703522 **10**-*522,678* PC **A05**/MF **A01**

**IOS-REP-174**
Geochemistry of the Near Surface Sediments of the Nares Abyssal Plain.
DE84703028 **02**-*504,715* PC **A04**/MF **A01**

**IOS-REP-175**
Status Report on Geochemical Field Results from Atlantic Study Sites.
DE84703029 **02**-*504,716* PC **A04**/MF **A01**

**IOS-REP-178**
Sedimentation Studies Relevant to Low-Level Radioactive Effluent Dispersal in the Irish Sea. Part 3. AN Evaluation of Possible Mechanisms for the Incorporation of Radionuclides into Marine Sediments.
DE85780097 **10**-*522,698* PC **A04**/MF **A01**

**IOS-REP-180**
Benthic Boundary Layer - IOS (Institute of Oceanographic Sciences, Wormley, England) Observational Programme: Discovery Gap Measurements, March 1984.
DE85781198 **24**-*555,366* PC **A03**/MF **A01**

**IOS-REP-181**
Benthic Boundary Layer Modelling Studies. Interim Report, March 1984.
DE85781199 **24**-*555,367* PC **A03**/MF **A01**

**IOS-REP-182**
Use of in Situ Photography in Studies of the Deep-Sea Benthos at I.O.S. (Institute of Ocenaographic Sciences, Wormley, England).
DE85781200 **24**-*555,368* PC **A03**/MF **A01**

**IOS-REP-185**
Assessment of Biological Processes Close to the Sea Bed in a Slope Region and Its Significance to the Assessment of Sea Bed Disposal of Radioactive Waste.
DE85781084 **25**-*559,171* PC **A06**/MF **A01**

**IOS-164**
Return Wave Heights off South Uist Estimated from Seven Years of Data.
N85-10601/1 **03**-*505,945* PC **A04**/MF **A01**

**IOS-172**
Measurements of Sediment Temperatures, Conductivity and Heat Flow in the North Atlantic and Their Relevance to Radioactive Waste Disposal,
PB85-164184 **09**-*520,039* PC **E06**/MF **E06**

**IOS-176**
Nutsatsea: An on Line Data Reduction Program Linking a Chemlab Continuous Flow Analyser to a Commodore Pet Microcomputer.
N85-12570/6 **06**-*513,922* PC **A03**/MF **A01**

NUTSATSEA: An On Line Data Reduction Program Linking a Chemlab Continuous Flow Analyser to a Commodore PET Microcomputer,
PB85-116960 **03**-*506,834* PC **E04**/MF **E04**

**IOS-177**
Manual of Methods for the Continuous Flow Determination of Ammonia, Nitrate-Nitrite, Phosphate and Silicate in Seawater,
PB85-228187 **22**-*550,860* PC **E04**/MF **E04**

**IOS-179**
Field Observations of Wave-Induced Motion Above the Seabed and of the Resulting Sediment Movement,
PB85-116739 **03**-*505,946* PC **E09**/MF **E09**

**IOS-180**
Benthic Boundary Layer - IOS (Institute of Oceanographic Sciences) Observational Programme: Discovery Gap Measurements, March 1984,
PB85-164150 **11**-*525,172* PC **E04**/MF **E04**

**IOS-181**
Benthic Boundary Layer - Modelling Studies. Interim Report, March 1984,
PB85-182681 **15**-*534,639* PC **E04**/MF **E04**

**IOS-182**
Use of 'In situ' Photography in Studies of the Deep-Sea Benthos at IOS (Institute of Oceanographic Sciences),
PB85-164176 **11**-*525,173* PC **E04**/MF **E04**

**IOS-183**
Parameterizing Extreme Still Water Levels and Waves in Design Level Studies.
N85-12542/5 **06**-*513,727* PC **A05**/MF **A01**

Parameterizing Extreme Still Water Levels and Waves in Design Level Studies,
PB85-118586 **03**-*506,705* PC **E06**/MF **E06**

**IOS-184**
Introduction to the MIAS Conversion System.
N85-12571/4 **06**-*513,386* PC **A04**/MF **A01**

Introduction to the MIAS (Marine Information and Advisory Service) Conversion System,
PB85-116796 **04**-*509,138* PC **E05**/MF **E05**

**IOS-185**
Assessment of Biological Processes Close to the Sea Bed in a Slope Region and Its Significance to the Assessment of Sea-Bed Disposal of Radioactive Waste,
PB85-163715 **11**-*525,171* PC **E07**/MF **E07**

**IOS-186**
Assessment of Wave Power Available at Key United Kingdom Sites: A Description of Work Undertaken in the Department of Energy's Wave Energy Programme,
PB85-164143 **11**-*524,392* PC **E07**/MF **E07**

**IOS-187**
Surface Currents of the Indian Ocean (To 25 Deg S., 100 Deg E.).
N85-19593/1 **13**-*529,027* PC **A05**

**IOS-189**
Structure and Evolution of the South West Approaches and Grand Banks Continental Margins,
PB85-228799 **22**-*550,100* PC **E04**/MF **E04**

**IOS-190**
Worldwide Distribution of the Seasonal Cycle of Mean Sea Level,
PB85-182160 **15**-*533,674* PC **E06**/MF **E06**

**IOS-203**
Observations of the Changes of Inter Tidal Bedforms Over a Neap-Spring Tidal Cycle,
PB85-228773 **22**-*550,129* PC **E06**/MF **E06**

**IOS-204**
Status Report on Research at the Institute of Oceanographic Sciences Related to the Possible Disposal of Radioactive Waste on or Beneath the Seafloor, April 1979-March 1984,
PB85-228179 **22**-*550,063* PC **E14**/MF **E14**

**IPEN-INF-12**
Equations of State for Light Water.
DE85700585 **19**-*544,312* PC **A04**/MF **A01**

**IPEN-INF-13**
Neutronic Calculations with Transport and Diffusion Computer Codes for Light-Water-Moderated Critical Assembly with UO sub 2 Enriched at 4.75% as Fuel.
DE84703431 **10**-*522,881* PC **A02**/MF **A01**

**IPEN-INF-14**
Production of sup 99 Tc Generators with Automatic Elution.
DE85780447 **15**-*534,543* PC **A02**/MF **A01**

**IPEN-INF-16**
Neutron Radiography on the Research Reactor IEA-R1.
DE85701988 **26**-*561,655* PC **A02**/MF **A01**

**IPEN-INF-17**
Modification in the CITATION Computer Code: Change of Microscopic Cross Section by Zone.
DE85702041 **25**-*559,344* PC **A02**/MF **A01**

**IPEN-PUB-50**
Finite Element Response Matrix Method.
DE84703432 **10**-*522,882* PC **A02**/MF **A01**

**IPEN-PUB-51**
Fuel Behavior Modeling Using the MARS Computer Code.
DE84703447 **10**-*522,755* PC **A02**/MF **A01**

**IPEN-PUB-54**
Preparation of Carrier-Free sup 67 Ga, by Irradiation of Natural Zinc with Protons.
DE85700580 **19**-*542,729* PC **A02**/MF **A01**

**IPEN-PUB-55**
Study on Breeding Performance of Carbide Fueled Commercial Liquid Metal Cooled Fast Breeder Reactor.
DE85780455 **17**-*539,119* PC **A03**/MF **A01**

**IPEN-PUB-56**
Determination of Mercury in PPB Level by Activation Analysis and Chemical Separation.
DE85700579 **19**-*542,803* PC **A02**/MF **A01**

**IPEN-PUB-57**
Spectrographic Determination of Trace Amounts of Some Elements in Metallic Aluminium.
DE85700580 **19**-*542,804* PC **A02**/MF **A01**

**IPEN-PUB-58**
Preparation of Glucoheptonate - Sup(99M) Tc Using Stannous Ascorbate as Reducing Agent for TcO exp -4 Ion.
DE85780196 **10**-*521,503* PC **A02**/MF **A01**

**IPEN-PUB-59**
Spectrographic Determination of Niobium in Uranium - Niobium Alloys.
DE85780195 **10**-*522,126* PC **A02**/MF **A01**

**IPEN-PUB-60**
Spectrographic Analysis of Stainless Steels.
DE85701940 **26**-*560,940* PC **A02**/MF **A01**

**IPEN-PUB-61**
Spectrographic Determination of Dysprosium in Doped Crystals of Calcium Sulfate Used for Dosimetric Material.
DE85781552 **25**-*558,007* PC **A02**/MF **A01**

**IPEN-PUB-62**
Preparation of sup 99 Sup(M)Tc Labeled Fibrinogen.
DE85781471 **25**-*558,963* PC **A02**/MF **A01**

**IPEN-PUB-63**
Molecular Dynamics of TBP and DBP Studied by Neutron Transmission.
DE85781468 **25**-*558,002* PC **A02**/MF **A01**

**IPEN-PUB-64**
Synergistic Effect in the Solvent Extraction of Some Trivalent Lanthanides. 1. Behaviour of the Elements La and Yb in the HTTA-TBP, HTTA-HDEHP, HDEHP-TBP Systems.
DE85781069 **25**-*557,997* PC **A02**/MF **A01**

**IPF-82-6**
Numerical Simulation of Plasma Wave Phenomena.
DE84751324 **03**-*507,666* PC **A02**/MF **A01**

**IPF-83-4**
Magnetoacoustic Heating and FCT-Equilibria in the Belt Pinch.
DE84751815 **03**-*507,669* PC **A05**/MF **A01**

**IPF-83-8**
Multihole Couplers for Overmoded Waveguide Systems.
DE85780964 **20**-*546,106* PC **A03**/MF **A01**

Multihole Couplers for Overmoded Waveguide Systems.
N85-18773/0 **12**-*528,055* PC **A03**/MF **A01**

**IPF-83-9**
Short Mode Selective Directional Couplers.
DE85780963 **20**-*546,105* PC **A02**/MF **A01**

Short Mode Selective Directional Couplers.
N85-18774/8 **12**-*528,056* PC **A02**/MF **A01**

**IPF-84-1**
Improved Directional Couplers for Overmoded Waveguide Systems.
N85-18775/5 **12**-*528,057* PC **A02**/MF **A01**

**IPF-84-2**
Four-Fluid Description of Turbulent Plasma Focus Dynamics.
DE85751542 **20**-*546,885* PC **A02**/MF **A01**

Vierfluessigkeits-Beschreibung Turbulenter Vorgaenge im Plasmafokus (Four Phase Model for Turbulent Instabilities Calculation in Plasma Jets).
N85-18776/3 **12**-*528,058* PC **A02**/MF **A01**

**IPF-84-3**
Lidar-Thomson Scattering.
N85-18777/1 **12**-*528,059* PC **A08**/MF **A01**

**IPF-84-4**
Four-Fluid Description of Turbulent Plasma Focus Dynamics.
DE85780962 **20**-*546,901* PC **A02**/MF **A01**

Four-Fluid Description of Turbulent Plasma Focus Dynamics.
N85-18778/9 **12**-*528,060* PC **A02**/MF **A01**

**IPF-84-5**
Electron Cyclotron Resonance Heating System for the Stellarator W VII-AS.
DE85780961 **20**-*546,104* PC **A03**/MF **A01**

Electron Cyclotron Resonance Heating System for the Stellarator W 7-AS.
N85-18779/7 **12**-*527,701* PC **A03**/MF **A01**

Lichtstreuung an Kollektiven, Thermischen Fluktuationen der Elektronendichte in Plasmen MIT Mehreren Ionenkomponenten (Light Diffraction with Collective, Thermal Electron Density Fluctuation in Plasmas with Several Ionic Components).
N85-20904/7 **14**-*532,670* PC **A06**/MF **A01**

**IPF-84-6**
High-Power Millimeter-Wave Mode Converters in Overmoded Circular Waveguides Using Periodic Wall Perturbations.
DE85780960 **20**-*546,103* PC **A03**/MF **A01**

High Power Millimeter-Wave Mode Converters in Overmoded Circular Waveguides Using Periodic Wall Perturbations.
N85-18780/5 **12**-*528,061* PC **A03**/MF **A01**

**IPF-84-7**
Design of Mode Converters from Te exp 0 /sub Om/ Modes in Circular Waveguides to TE exp 0 /sub Om/ Modes in Rectangular Waveguides for High Power Applications in the Frequency Range 1 to 30 GHz.
DE85781037 **24**-*556,279* PC **A02**/MF **A01**

Design of Mode Converters from Te Circular Om Modes in Circular Waveguides to Te Rectangular Mo Modes in Rectangular Waveguides for High Power Applications in the Frequency Range 1 to 30 Ghz.
N85-18781/3 **12**-*528,062* PC **A02**/MF **A01**

**IPF-84-9**
Wave Absorption and Transport Studies on ECR Heated Stellarator Plasmas in W VII-A.
DE85780959 **20**-*546,102* PC **A02**/MF **A01**

Wave Absorption and Transport Studies on Electron Cyclotron Resonance (ECR) Heated Stellarator Plasmas in W 7-A.
N85-18782/1 **12**-*528,063* PC **A02**/MF **A01**

**IPF-84-10**
Two Phases of Neutron Production in the Poseidon Plasma Focus.
DE85780958 **20**-*546,900* PC **A02**/MF **A01**

Two Phases of Neutron Production in the Poseidon Plasma Focus.
N85-18783/9 **12**-*527,702* PC **A02**/MF **A01**

**IPNO-DRE-82-24**
Proton Occupancies in the Even Se Ground States Via the (D, sup 3 He) Reaction.
DE84780432 **01**-*502,528* PC **A03**/MF **A01**

**IPNO-DRE-82-25**
Description of the Anomalous L = 0 Transitions Observed in the Ge(p,t) and (t,p) Reactions, by a Pure (Inelastic + Transfer) Two-Step Process.
DE84780433 **01**-*502,529* PC **A02**/MF **A01**

**IPNO-DRE-83-01**
BETA-Delayed alpha Emission from Neutron-Rich Nuclei: The Case of sup 30 Na.
DE84780434 **01**-*502,530* PC **A02**/MF **A01**

**IPNO-DRE-83-03**
Molecular and Atomic Ion Detection in Mass Measurements by Time of Flight. Desorption Multiplicity by exp 252 Cf Fission Fragments.
DE85780900 **20**-*546,153* PC **A02**/MF **A01**

**IPNO-DRE-83-08**
Further Tests of the Multi-J Supersymmetry Scheme Using Transfer Reactions.
DE84780435 **01**-*502,531* PC **A02**/MF **A01**

**IPNO-DRE-83-10**
Fusion and Competing Reactions in Central Collisions at Large Excitation Energies.
DE85751323 **20**-*546,779* PC **A02**/MF **A01**

**IPNO-DRE-83-11**
Decays of Sup(108M + G)In and Sup(106M + G)In.
DE85751241 **24**-*556,869* PC **A03**/MF **A01**

**IPNO-DRE-83-21**
Excitation of delta L = 0 Spin-Flip Transitions in the N = 28 Isotones by 201 MeV Proton Inelastic Scattering.
DE85751328 **20**-*546,781* PC **A03**/MF **A01**

**IPNO-DRE-83-23**
Peripheral Ar Induced Reactions at 44 MeV/U. Similarities and Deviations with Respect to a High Energy Fragmentation Process.
DE85750625 **15**-*534,935* PC **A02**/MF **A01**

**IPNO-DRE-83-24**
Anomalies in the Heavy Hg Isotopes.
DE85751327 **20**-*546,780* PC **A02**/MF **A01**

**IPNO-DRE-83-25**
Fusion and Reseparation: Dissipative Collision Mechanisms Between Nuclei at Energies Below 15 MeV.A.
DE85751089 **19**-*544,203* PC **A02**/MF **A01**

**IPNO-DRE-83-26**
Valence and Inner Proton Hole States in sup 207 Tl Via the (d, sup 3 He) Reaction at 108 MeV.
DE85751086 **19**-*544,200* PC **A03**/MF **A01**

**IPNO-DRE-83-30**
Complex Transfer Reaction ( sup 14 C, sup 15 O) on Ni, Zn and Ge Targets: Existence and Mass of sup 69 Ni.
DE85751240 **24**-*556,868* PC **A03**/MF **A01**

**IPNO-DRE-83-32**
SOLENO, A Superconducting Solenoidal Coil Used as a Spectrometer for Nuclear Charged Particles Studied around Zero Degree.
DE85751239 **24**-*556,764* PC **A03**/MF **A01**

**IPNO-DRE-83-35**
Delta in Nuclei and Spin-Isospin Excitation.
DE85751290 **20**-*546,762* PC **A02**/MF **A01**

**IPNO-DRE-84-02**
Solid State Physics and Actinide Spectroscopy with ThBr sub 4 and ThCl sub 4.
DE85752052 **26**-*561,925* PC **A05**/MF **A01**

**IPNO-DRE-84-03**
Preparation by Electrospraying of Thin Sources for 4 pi alpha Spectrometry.
DE85751266 **24**-*556,767* PC **A02**/MF **A01**

**IPNO-DRE-84-04**
Evidence for Very High Excitation Energy Structures in sup 208 Pb.
DE85751238 **24**-*556,867* PC **A02**/MF **A01**

**IPNO-DRE-84-05**
What Do We Learn from Angular Distributions around Zero Degree in Direct Heavy Ion Reactions.
DE85751244 **24**-*556,871* PC **A02**/MF **A01**

**IPNO-DRE-84-06**
Compact Gridless Channel Plate Detector for Time of Flight Measurements.
DE85751265 **24**-*556,306* PC **A02**/MF **A01**

**IPNO-DRE-84-13**
Heavy Products from Violent Collisions in the sup 40 Ar + Sup(Nat)Ag System at 27 MeV/U.
DE85751267 **24**-*556,880* PC **A02**/MF **A01**

**IPNO-DRE-84-17**
Pi sup 0 -4 pi . A Pi sup 0 High Solid Angle Detector and Spectrometer.
DE85751322 **20**-*546,148* PC **A04**/MF **A01**

**IPNO-DRE-84-19**
Fission Following Carbon Interactions on Gold and Uranium Between 30 and 84 MeV/U.
DE85751243 **24**-*556,870* PC **A02**/MF **A01**

**IPNO-DRE-84-20**
Comparative Study of ( sup 3 He, pi exp - ) and ( sup 3 He, pi exp + ) Exclusive Reactions on sup 7 Li and sup 12 C.
DE85752037 **26**-*561,860* PC **A02**/MF **A01**

**IPNO-DRE-84-21**
Halflife of the First Excited State (0 exp + ) of sup 68 Ni.
DE85751268 **24**-*556,881* PC **A02**/MF **A01**

**IPNO-DRE-84-22**
Beam Preparation System and Beam Emittance, Essentials for High-Resolution Magnetic Spectroscopy.
DE85751242 **24**-*556,765* PC **A03**/MF **A01**

**IPNO-DRE-84-25**
First Observation of beta -Delayed Triton Emission.
DE85751245 **24**-*556,872* PC **A02**/MF **A01**

**IPNO-DRE-84-28**
Light Fragments Produced in sup 40 Ar + Sup(Nat)Ag Reactions at 27 MeV/U.
DE85751247 **24**-*556,873* PC **A02**/MF **A01**

**IPNO-DRE-84-31**
Inclusive (P, pi exp + - ) Reactions at 201 and 180 MeV.
DE85751248 **24**-*556,874* PC **A02**/MF **A01**

**IPNO-DRE-84-32**
Characteristics of Violent Collisions in Ar-Induced Reactions at Intermediate Energies.
DE85752039 **26**-*561,862* PC **A02**/MF **A01**

**IPNO-DRE-84-33**
Energy Dissipation in Nucleus-Nucleus Collisions around 40 MeV Per Nucleon. New Phenomena or Transition Trends.
DE85752038 **26**-*561,861* PC **A03**/MF **A01**

**IPNO-DRE-84-34**
High Energy Structures in Heavy Ion Collisions: A Multiphonon Description.
DE85752040 **26**-*561,863* PC **A03**/MF **A01**

**IPNO-GEPL-83-01**
Central Area of the Orsay Supraconductor Compact Cyclotron.
DE85751250 **24**-*556,766* PC **A02**/MF **A01**

**IPNO-GEPL-83-04**
Superconducting Coils Electromagnet of the Orsay IPN Project.
DE85751296 **20**-*546,567* PC **A04**/MF **A01**

**IPNO-GEPL-83-09**
CANAL Code.
DE85751325 **20**-*546,568* PC **A04**/MF **A01**

**IPNO-GEPL-83-10**
High Resolution Spectrometry: How the Analyzer and Spectrometer Performances and the Beam Emittance Contribute to the Results Obtained.
DE85751214 **25**-*558,990* PC **A02**/MF **A01**

**IPNO-GTA-84-12**
Neutrotherapy Cyclotron MEDICYC. Increase of Proton Exit Energy from 50 to 60.
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**IPNO-T-83-03**
Study of Optical Properties of Protactinium IV (5F exp 1 ) in ThBr sub 4 and ThCl sub 4 Matrices.
DE85751213 **25**-*557,989* PC **A05**/MF **A01**

**IPNO-T-83-05**
Search of Isoscalar Dibaryonic Resonances.
DE85751254 **24**-*556,875* PC **A02**/MF **A01**

**IPNO-TH-83-32**
Influence of Left Right Asymmetry Degrees of Freedom in Self-Consistent Calculation of sup 20 Ne.
DE85751161 **25**-*559,606* PC **A02**/MF **A01**

**IPNO-TH-83-34**
Pauli-Guersey Symmetry in Gauge Theories.
DE85751162 **25**-*559,756* PC **A02**/MF **A01**

**IPNO-TH-83-35**
Self-Consistent Light-Quark Qqq and Qq Anti Q Anti Q Mass Spectrum.
DE85751163 **25**-*559,607* PC **A02**/MF **A01**

**IPNO-TH-83-36**
Separation of the Nuclear and Coulomb Rainbow Components from the Elastic Scattering Data.
DE85751087 **19**-*544,201* PC **A02**/MF **A01**

**IPNO-TH-83-54**
Order alpha sub(S) Corrections to Nucleon Axial Form Factors in the Bag Model.
DE85751160 **25**-*559,605* PC **A02**/MF **A01**

**IPNO-TH-83-64**
Theoretical Perspectives in Nuclear Physics with Antiproton Beams.
DE85750543 **15**-*534,921* PC **A02**/MF **A01**

**IPNO-TH-83-68**
Quasielastic Electron Scattering: Effect of Relativistic Nuclear Potentials.
DE85750546 **15**-*534,924* PC **A02**/MF **A01**

**IPNO-TH-83-69**
Meson and Isobar Degrees of Freedom in Nuclear Forces.
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**IPNO-TH-84-02**
Deuteron-Deuteron Scattering at 3.0, 3.4 and 3.7 GeV/C. Theoretical Interpretation in the Glauber Model.
DE85750915 **15**-*534,965* PC **A03**/MF **A01**

**IPNO-TH-84-3**
Equation of State of Hot Dense Matter.
DE85751320 **20**-*544,567* PC **A02**/MF **A01**

**NO-TH-84-4**
Thomas-Fermi Equation of State of Hot Dense Matter.
DE85751321 **20**-*544,568* PC **A02**/MF **A01**

**NO-TH-84-12**
High Partial Wave Nucleon Nucleon Inelasticity at Medium Energies.
DE85750688 **15**-*534,944* PC **A02**/MF **A01**

**NO-TH-84-15**
Contribution to the Study of Spontaneous Breakdown of the Chiral Symmetry in Gauge Theories.
DE85751171 **25**-*559,758* PC **A07**/MF **A01**

**NO-TH-84-32**
Electromagnetic Mass Differences Between Baryons in Potential Models.
DE85751291 **20**-*546,763* PC **A02**/MF **A01**

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Multifragmentation and Evaporation: Two Competing Processes in Intermediate Energy Nuclear Collisions.
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**NO-TH-84-39**
Relativistic Quantum Mechanics of Two Interacting Spinless Particles.
DE85751192 **25**-*559,759* PC **A04**/MF **A01**

**NO-83-04**
Analysis of the Statistical Operation of a Time-Numerical Code Multistop with a Resolution of 0.5ns.
DE85751324 **20**-*546,149* PC **A03**/MF **A01**

**OS-ONR-6**
Semiconducting Polymers: Fast Response Nonlinear Optical Materials.
AD-A158 889/6 **25**-*558,475* PC **A02**/MF **A01**

**P-III/69**
Non-Maxwellian Ion Distributions in the Ionization Zone of the Tokamak Boundary.
DE84752317 **11**-*525,521* PC **A02**/MF **A01**

**P-III/78**
Variation of the Particle Confinement During Neutral Injection into ASDEX Divertor Plasmas.
DE83751316 **10**-*523,047* PC **A03**/MF **A01**

**P-III/86**
Confinement and beta sub(P)-Studies in Neutral Injection Heated ASDEX Plasmas.
DE84751317 **03**-*507,665* PC **A04**/MF **A01**

**P-III/87**
Antennamare, a Method of Radio-Frequency Conditioning of Fusion Plasma.
DE84752316 **11**-*525,520* PC **A02**/MF **A01**

**P-III/88**
Stability Investigations of the ASDEX Feedback System with Filters for Reducing Thyristor Noise.
DE84750173 **03**-*506,960* PC **A02**/MF **A01**

**P-III/90**
Change of Plasma Properties Prior to High Density Disruptions in ASDEX.
DE84752321 **11**-*525,523* PC **A03**/MF **A01**

**P-III/91**
First Results of Time Series Analysis of MHD Fluctuations in the ASDEX Tokamak.
DE84752287 **11**-*525,515* PC **A02**/MF **A01**

**P-III/94**
Q Profile as Determined by ECE.
DE84751301 **03**-*507,664* PC **A02**/MF **A01**

**P-III/95**
Thomson Scattering Diagnostic in the Boundary Layer of ASDEX.
DE84752322 **11**-*525,524* PC **A02**/MF **A01**

**P-III/96**
Probe Measurements in the ASDEX Boundary Layer and the Effect of Neutral Beam Injection and Lower Hybrid Heating.
DE85750506 **17**-*538,870* PC **A02**/MF **A01**

**P-III/97**
Time and Space-Resolved Energy Flux Measurements in the Divertor of the ASDEX Tokamak by Computerized Infrared Tomography.
DE85780955 **20**-*546,100* PC **A04**/MF **A01**

**P-III-98**
Analysis of Local Transport in Neutral-Beam-Heated L and H Plasmas of ASDEX.
DE85750303 **16**-*536,871* PC **A02**/MF **A01**

**P-1/222**
Eddy Current Losses in the Central Column of ASDEX Upgrade During the Plasma Discharge and Cleaning Discharge.
DE84752315 **11**-*525,519* PC **A04**/MF **A01**

**P-1/225**
Active Phase Double Crystal Monochromator for JET (Diagnostic System KS1).
DE85750105 **11**-*525,572* PC **A05**/MF **A01**

**P-1/226**
Spatial Scan Double Crystal Monochromator for JET (Diagnostic System KS2).
DE85750507 **17**-*539,429* PC **A05**/MF **A01**

**IPP-1/227**
Investigation for the Removal of Tritium by Organic Compounds; TROC Process. Pt. 1.
DE85750099 **11**-*525,073* PC **A03**/MF **A01**

**IPP-1/228**
Proposed Method for Fast Determination of Plasma Parameters.
DE85751545 **20**-*546,888* PC **A02**/MF **A01**

**IPP-1/234**
Investigation of Tritium Removal by Means of Organic Compounds. Catalytic Hydrogenation (Tritiation) of Linoleic Acid.
DE85751653 **22**-*551,073* PC **A02**/MF **A01**

**IPP-1/299**
Lidar-Thomson Scattering.
N85-18777/1 **12**-*528,059* PC **A08**/MF **A01**

**IPP-2/252**
Fast Plasma Tomography Routine with Second-Order Accuracy and Compensation for Spatial Resolution.
DE84751431 **03**-*507,667* PC **A04**/MF **A01**

**IPP-2/269**
Modular Coil Systems of the WENDELSTEIN VII-AS Type with Reactor Dimensions.
DE84752319 **11**-*524,945* PC **A05**/MF **A01**

**IPP-2/271**
Ring-Type Support Concept for Twisted Coils (Finite Element Simulation).
DE84752318 **11**-*524,944* PC **A04**/MF **A01**

**IPP-2/273**
Thermomechanical Layout of the NET First Wall Assembly.
DE85751879 **26**-*561,375* PC **A06**/MF **A01**

**IPP-4/211**
Mode-Conversion and Tunneling at the Two-Ion Hybrid and Ion Cyclotron Resonances.
DE85750469 **20**-*546,884* PC **A03**/MF **A01**

**IPP-4/216**
RAYIC - A Numerical Code for the Study of Ion Cyclotron Heating of Large Tokamak Plasmas.
DE84752323 **11**-*525,525* PC **A05**/MF **A01**

**IPP-4/218**
Description of the Low-Power Part of the RF-System for the Lower-Hybrid Experiments in ASDEX.
DE85780965 **20**-*546,107* PC **A02**/MF **A01**

**IPP-4/219**
Second Harmonic Ion Cyclotron Resonance Heating in ASDEX: Results of Ray Tracing Calculations.
DE85780956 **20**-*546,101* PC **A03**/MF **A01**

**IPP-6/219**
Energy Conserving Non-Relativistic Guiding Center Mechanics and the Galilean Principle of Relativity.
DE84752308 **09**-*520,642* PC **A02**/MF **A01**

**IPP-6/226**
New Variational Formulation of Maxwell-Vlasov and Guiding Center Theories.
DE85751543 **20**-*546,886* PC **A03**/MF **A01**

**IPP-6/227**
Variational Formulation of Two-Fluid Plasmas in Clebsch Variables.
DE84752314 **11**-*525,518* PC **A02**/MF **A01**

**IPP-6/229**
Anomalous Plasma Transport as a Wiener Process.
DE84752313 **11**-*525,517* PC **A03**/MF **A01**

**IPP-6/232**
Spectrum of a Resistive Plasma Slab.
DE84752320 **11**-*525,522* PC **A02**/MF **A01**

**IPP-6/233**
Effect of Parallel Ion Motion in Three-Drift-Wave Interaction.
DE85750100 **11**-*525,571* PG **A04**/MF **A01**

**IPP-6/234**
Semi-Implicit Method for Three-Dimensional Compressible MHD Simulation.
DE84752288 **11**-*525,516* PC **A03**/MF **A01**

**IPP-6/235**
Normal Mode Analysis for Linear Resistive Magnetohydrodynamics.
DE85780951 **20**-*546,898* PC **A04**/MF **A01**

**IPP-6/236**
Computing Complex Eigenvalues of Large Non-Hermitian Matrices.
DE85751878 **26**-*560,979* PC **A03**/MF **A01**

**IPP-6/237**
Fluctuation Spectrum for Linear Gyroviscous MHD.
DE85780966 **20**-*546,902* PC **A02**/MF **A01**

**IPP-6/238**
Integrability of Non-KAM Hamiltonians.
DE85751540 **20**-*546,949* PC **A03**/MF **A01**

**IPP-6/239**
Hamiltonian Formulation of Two-Dimensional Gyroviscous MHD.
DE85751544 **20**-*546,887* PC **A02**/MF **A01**

**IPP-6/241**
Three-Drift-Wave Interaction at Finite Parallel Wavelength: Bifurcations and Transition to Turbulence.
DE85780949 **20**-*546,896* PC **A03**/MF **A01**

**IPP-6/242**
Resistive Spectrum of Configurations Without Magnetic Shear.
DE85780950 **20**-*546,897* PC **A02**/MF **A01**

**IPP-6/244**
Stochastic Runaway of Dynamical Systems.
DE85780954 **20**-*546,899* PC **A03**/MF **A01**

**IPP-6-245**
Analytical Approximation Formulae for Hydrogen Diffusion in a Metal Slab.
DE85752082 **26**-*561,377* PC **A05**/MF **A01**

**IPPCZ-249**
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**IPPJ-AM-35**
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**IPPJ-DT-99**
Data Processing System by Using the Curve Reader.
DE84701970 **03**-*507,640* PC **A03**/MF **A01**

**IPPJ-DT-100**
Operation of 125 MVA Power Supply Facility from June 1976 to March 1982.
DE84703212 **10**-*522,596* PC **A03**/MF **A01**

**IPPJ-DT-104**
Bibliographic Data Base on Atomic and Molecular Data.
DE85700965 **20**-*546,879* PC **A03**/MF **A01**

**IPPJ-DT-105**
Measurement of Environmental Radioactivity in Toki District, (2). Comparative Measurement with Various Instruments.
DE85700419 **16**-*536,565* PC **A05**/MF **A01**

**IPPJ-T-34**
Repetitive Display System of Line Profiles for Doppler Broadening Measurement.
DE84701971 **03**-*507,641* PC **A02**/MF **A01**

**IPPJ-467**
Numerical Study of LHRF-Heating in a Tokamak.
DE81700182 **20**-*546,049* PC **A03**/MF **A01**

**IPPJ-557**
Heat Flux in the Presence of Shifting Cold and Hot Electron Maxwellian Distributions.
DE84700026 **03**-*507,637* PC **A02**/MF **A01**

**IPPJ-568**
Summary of USA-Japan Workshop on sub-Millimeter Diagnostic Techniques.
DE85780066 **11**-*525,574* PC **A14**/MF **A01**

**IPPJ-569**
Model of 'Disparitions Brusques' (Sudden Disappearance of Eruptive Prominences) as an Instability Driven by MHD Waves.
DE84701983 **01**-*500,125* PC **A03**/MF **A01**

**IPPJ-570**
LOMEGA: A Low Frequency, Field Implicit Method for Plasma Simulation.
DE84701974 **02**-*505,046* PC **A03**/MF **A01**

**IPPJ-572**
Linked Tandem Mirror Configuration as a Possible Steady State High beta Plasma Container.
DE84701964 **03**-*506,944* PC **A02**/MF **A01**

**IPPJ-573**
Feedback Control of Thermal Runaway with Compression-Decompression.
DE84701965 **03**-*506,945* PC **A03**/MF **A01**

**IPPJ-574**
Simple Method of Sheet Plasma Production for High Current Negative Ion, I.
DE84701966 **02**-*505,044* PC **A03**/MF **A01**

**IPPJ-577**
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**IPPJ-594**
Plasma Equilibrium and Field Diffusion During Current Rise Phase of STP-2 Screw Pinch Tokamak.
DE84701975 **02**-*505,047* PC **A03**/MF **A01**

**IPPJ-596**
Measurement of Electron Cyclotron Emission from JIPP T-II Plasma.
DE84701972 **03**-*507,642* PC **A03**/MF **A01**

**IPPJ-597**
Simple Method of Sheet Plasma Production for High Current Negative Ion, II. Curved Sheet Plasma.
DE84701967 **02**-*505,045* PC **A02**/MF **A01**

**IPPJ-598**
Propagation Characteristics in a Magnetized Plasma-Waveguide Near the Ion Cyclotron Frequency.

DE84701979 **03**-*507,647* PC **A02**/MF **A01**

**IPPJ-599**

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**IPPJ-600**

Scaling Law of Neutron Yield for DT Discharge in Plasma Focus.
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**IPPJ-603**

Observation on Stark-Shifts of Lyman alpha Lines of Low-Z Ions in Laser-Produced Plasmas.
DE84703200 **10**-*523,051* PC **A02**/MF **A01**

**IPPJ-605**

Plasma Electron Density Measurements by Laser- and Collision-Induced Fluorescence Method.
DE84703339 **10**-*523,056* PC **A03**/MF **A01**

**IPPJ-606**

Error Field Measurements in NBT-1M.
DE84703210 **10**-*522,594* PC **A03**/MF **A01**

**IPPJ-607**

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**IPPJ-608**

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**IPPJ-611**

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**IPPJ-612**

Analysis of Target Implosion Irradiated by Proton Beam, (1). Beam Interaction with Target Plasma.
DE84703217 **10**-*523,054* PC **A04**/MF **A01**

**IPPJ-613**

Build-Up of Symmetric Space Potential in Bumpy Torus.
DE84703197 **10**-*523,048* PC **A02**/MF **A01**

**IPPJ-614**

Monte-Carlo Simulation for Neutral Beam Probing of Plasma Current Profile.
DE84701973 **03**-*507,643* PC **A02**/MF **A01**

**IPPJ-615**

Sheath Potential Generated by a Relativistic Electron Beam.
DE84701969 **03**-*507,639* PC **A02**/MF **A01**

**IPPJ-616**

Simulation of Impurity Transport in Tokamaks, 1.
DE84703206 **10**-*522,590* PC **A04**/MF **A01**

**IPPJ-617**

Direct Energy Input to Compressor for Inertial Confinement Fusion.
DE84703213 **10**-*522,597* PC **A02**/MF **A01**

**IPPJ-618**

Study of Discharge Cleaning Process in JIPP T-II Torus by Residual Gas Analyzer.
DE84703207 **10**-*522,591* PC **A02**/MF **A01**

**IPPJ-619**

Measurement of Small-Scale Density Fluctuation in JIPP T-II Plasma by Millimeter and sub-Millimeter Wave Scattering.
DE84703198 **10**-*523,049* PC **A03**/MF **A01**

**IPPJ-620**

Effect of Trapped Electrons on the Wave-Induced Current.
DE84703203 **10**-*523,053* PC **A02**/MF **A01**

**IPPJ-621**

Generation of Astron-Spherator Configuration.
DE85700105 **11**-*525,550* PC **A02**/MF **A01**

**IPPJ-622**

Behaviour of Population in a Plasma Interacting with an Atomic Gas.
DE84703201 **10**-*523,052* PC **A03**/MF **A01**

**IPPJ-623**

Series Lecture on Advanced Fusion Reactors.
DE85700116 **11**-*524,986* PC **A04**/MF **A01**

**IPPJ-624**

Plasma Behaviors in the Open Field Region of Reversed-Field theta-Pinch.
DE85700110 **11**-*525,555* PC **A02**/MF **A01**

**IPPJ-625**

Measurement of the Helical Field of JIPP T-II.
DE85700120 **11**-*524,990* PC **A02**/MF **A01**

**IPPJ-626**

Experimental Studies on Energy Transport in a Reversed Field theta Pinch.
DE85700106 **11**-*525,551* PC **A03**/MF **A01**

**IPPJ-628**

Simple Method of Sheet Plasma Production in Lower Pressure.
DE85700107 **11**-*525,552* PC **A02**/MF **A01**

**IPPJ-629**

Comparison of Lower Hybrid Ion Heating in Tokamak and Stellarator Plasmas in JIPP T-II.
DE85700108 **11**-*525,553* PC **A03**/MF **A01**

**IPPJ-630**

Soft-X-Ray Imaging Study on Disruptions in the JIPP T-II Tokamak.
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**IPPJ-631**

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**IPPJ-632**

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**IPPJ-633**

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DE85700112 **11**-*525,557* PC **A03**/MF **A01**

**IPPJ-634**

High- beta Ballooning-Mode Structures in Axisymmetric Mirrors.
DE85700113 **11**-*525,558* PC **A03**/MF **A01**

**IPPJ-635**

Dissipative Trapped Ion Instability in PLT and INTOR.
DE85700114 **11**-*525,559* PC **A02**/MF **A01**

**IPPJ-636**

Moving Toroidal Limiter.
DE85700124 **11**-*524,993* PC **A02**/MF **A01**

**IPPJ-637**

Tritium Breeding in DT-DD Hybrid Pellet for Inertial Confinement Fusion.
DE85700125 **11**-*524,994* PC **A02**/MF **A01**

**IPPJ-638**

Multipole Stabilization of Rotational Instability in a theta Pinch, 1.
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**IPPJ-641**

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DE85700791 **18**-*541,845* PC **A04**/MF **A01**

**IPPJ-644**

Dissipation of Magnetic Energy During Disruptive Current Termination.
DE85701298 **25**-*559,693* PC **A02**/MF **A01**

**IPPJ-646**

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DE85701309 **25**-*557,299* PC **A02**/MF **A01**

**IPPJ-647**

Collisional-Radiative Model for Helium-Like Ions. Application to Intermediate-Density Plasmas.
DE85701305 **25**-*559,699* PC **A03**/MF **A01**

**IPPJ-648**

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DE85701318 **25**-*559,700* PC **A02**/MF **A01**

**IPPJ-649**

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DE85701300 **25**-*559,694* PC **A03**/MF **A01**

**IPPJ-650**

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DE85701301 **25**-*559,695* PC **A03**/MF **A01**

**IPPJ-651**

Neoclassical Transport Associated with Collisionless Detrapping in a Bumpy Torus.
DE85701302 **25**-*559,696* PC **A02**/MF **A01**

**IPPJ-652**

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DE85701303 **25**-*559,697* PC **A02**/MF **A01**

**IPPJ-653**

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DE85701304 **25**-*559,698* PC **A02**/MF **A01**

**IPPJ-663**

Heavy Ion Fusion Reactor 'HIBLIC-I' Conceptual Design of Heavy Ion Fusion Reactor.
DE85701310 **25**-*558,926* PC **A09**/MF **A01**

**IPPJ-681**

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N84-34274/0 **01**-*502,570* PC **A02**/MF **A01**

**IPPJ-682**

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N84-34271/6 **01**-*502,567* PC **A03**/MF **A01**

**IPPJ-683**

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N84-34272/4 **01**-*502,568* PC **A02**/MF **A01**

**IPPJ-684**

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N84-34273/2 **01**-*502,569* PC **A02**/MF **A01**

**IPPJ-685**

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N84-34267/4 **01**-*502,563* PC **A02**/MF **A01**

**IPPJ-686**

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N84-34268/2 **01**-*502,564* PC **A02**/MF **A01**

**IPPJ-687**

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N84-34269/0 **01**-*502,565* PC **A03**/MF **A01**

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N84-35105/5 **02**-*505,052* PC **A02**/MF **A01**

**IPPJ-694**

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N85-15486/2 **09**-*519,922* PC **A03**/MF **A01**

**IPPJ-695**

Alpha-Particle Diagnostics with High Energy Neutral Beams.
N85-15485/4 **09**-*520,620* PC **A03**/MF **A01**

**IPPJ-696**

Electromagnetic Acceleration of Macroparticles to Hypervelocities in Axisymmetric Geometry.
N85-15484/7 **09**-*520,619* PC **A02**/MF **A01**

**IPPJ-697**

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**IPPJ-698**

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**IPPJ-699**

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**IPPJ-700**

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**IPPJ-703**

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**IPPJ-704**

Heat Flux in Lorentzian Plasma.
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**IPPJ-705**

Suppression of Tilting Instability of a Compact Torus by Energetic Particle Beams.
N85-22157/0 **14**-*532,671* PC **A03**/MF **A01**

**IPPJ-706**

Reconsideration of Sheath Related to Negative Ion Extraction.
N85-22159/6 **14**-*532,673* PC **A03**/MF **A01**

**IPPJ-707**

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**IPPJ-708**

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**IPPJ-709**

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**IPPJ-710**

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**IPPJ-711**

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**IPPJ-712**

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**IPPJ-713**

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**IPPJ-714**

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**IS-T-1138**
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**IS-T-1139**
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**ISI-V-83-31859-10**
Validation of the Algorithms for Base Exchangeable Repair Costs (Engine) and Base Exchangeable Modification Costs (Engine) for the Component Support Cost System (D160B).
AD-A157 499/5 **23**-*552,061* PC **A04**/MF **A01**

**ISI-V-83-31859-11**
Validation of the Algorithms for Base and Depot Condemnation Spares Costs (NSN) for the Component Support Cost System (D160B).
AD-A157 462/3 **23**-*552,057* PC **A03**/MF **A01**

**ISI-V-83-31859-12**
Validation of the Algorithm for Depot TCTO Labor Costs for the Component Support Cost System (D160B).
AD-A157 461/5 **23**-*552,056* PC **A03**/MF **A01**

**ISI-V-83-31859-13**
Validation of the Algorithm for Depot TCTO (Time Compliance Technical Orders) Material Costs for the Component Support Cost System (D160B).
AD-A157 318/7 **23**-*552,054* PC **A03**/MF **A01**

**ISI-V-83-31859-14**
Validation of the Algorithm for Depot TCTO other Costs for the Component Support Cost System (D160B).
AD-A157 464/9 **23**-*552,059* PC **A03**/MF **A01**

**ISI-V-83-31859-15**
Validation of the Algorithms for Depot Support General, Labor, Direct Material, and Other Costs for the Component Support Cost System (D160B).
AD-A157 501/8 **23**-*552,063* PC **A04**/MF **A01**

**ISI-V-83-31859-16**
Validation of the Algorithms for Depot Exchangeable Repair and Modification Costs for NSNS and Engines for the Component Support Cost System (D160B).
AD-A157 463/1 **23**-*552,058* PC **A04**/MF **A01**

**ISI-V-83-31859-17**
Validation of the Algorithm for Base Supply Management Overhead Costs for the Component Support Cost System (D160B).
AD-A157 460/7 **23**-*552,055* PC **A04**/MF **A01**

**ISI-V-83-31859-19**
Validation of the Algorithms for Second Destination Transportation Costs for the Component Support Cost System (D160B).
AD-A157 647/9 **23**-*552,068* PC **A04**/MF **A01**

**ISI-V-84-31859-18**
Validation of the Algorithm For Depot Material Management Overhead Costs for the Component Support Cost System (D160B).
AD-A157 500/0 **23**-*552,062* PC **A03**/MF **A01**

**ISI-V-84-31859-20**
Investigative Analysis of the NSN-WUC (National Stock Number-Work Unit Code) Cross-Reference Dictionary for the Component Support Cost System (D160B).
AD-A157 604/0 **23**-*552,066* PC **A05**/MF **A01**

**ISI-V-84-31859-21**
Validation of the Data Sources and Processes of the VAMOSC (Visibility and Management of Operating and Support Costs) II Component Support Cost System (D160B).
AD-A157 712/1 **24**-*556,182* PC **A03**/MF **A01**

**ISI-V-4859-02**
F-16X MSIP (Multi-National Staged Improvement Program) Case Example: Operating and Support Cost Estimation Using VAMOSC (Visibility and Management of Operating and Support Costs).

AD-A156 893/0 **22**-*549,464* PC **A04**/MF **A01**

**ISI-V-8337-03**

Sea Shed Test and Evaluation Program.
AD-A150 679/9 **11**-*524,686* PC **A05**/MF **A01**

Sea Shed Test and Evaluation Program Final Report.
PB85-166569 **11**-*524,858* PC **A05**/MF **A01**

**ISI-46**

Analysis and Design Methodology for VLSI Computing Networks.
AD-A146 030/2 **01**-*501,292* PC **A07**/MF **A01**

**ISIL-V-4062-05**

Technical Performance Measurement Handbook.
AD-A147 314/9 **03**-*505,541* PC **A06**/MF **A01**

**ISL-CO-201/83**

Localisation des Sources de Bruit Equivalentes dans des Jets Froids Rapides, Excites, et Non Excites (Localization of Sources of Equivalent Noise in Fast Cold Jets, Excited and Nonexcited).
N85-24910/0 **17**-*539,258* PC **A02**/MF **A01**

**ISL-CO-201/85**

Studies of the Combustion of Solid Propellants up to 100 MPa,
PB85-231934 **23**-*554,335* PC **E04**/MF **E04**

**ISL-CO-202/83**

Piezoelektrische Kunststoffe (Piezoelectric Plastics).
N85-24017/4 **17**-*538,299* PC **A04**/MF **A01**

**ISL-CO-202/84**

Kurzzeitspektroskopische Temperaturmessungen Materialien (Short-Time Spectroscopic Measurement of the Temperature of Solids).
N85-31486/2 **23**-*554,137* PC **A02**/MF **A01**

**ISL-CO-202/85**

Gas Thermometry Using Fourier Rotational Coherent Anti-Stokes Raman Scattering,
PB85-237493 **25**-*559,830* PC **E03**/MF **E03**

**ISL-CO-203/83**

Etude de la Combustion d'Une Poudre Propulsive a Base de Nitramine Jusqu'a des Pressions de 1500 Mpa et Comparaison de Ses Performances Avec Celle de Poudres Propulsives Classiques (Study on the Combustion of Nitramine Propulsion Powder Up to 1500 Mpa and Comparison of the Performance with That of Classical Propulsion Powders).
N85-24025/7 **17**-*539,236* PC **A02**/MF **A01**

**ISL-CO-203/84**

Montage Holographique pour la Mesure du Champ des Vitesses d'Eclats Supersoniques a Grande Distance (Holographic Assembly for Measuring Velocity Fields of Supersonic Ballistic Splinters at a Large Distance).
N85-31487/0 **23**-*554,138* PC **A02**/MF **A01**

**ISL-CO-204/84**

Application of Laser Anemometry to the Study of Transonic Shock Boundary-Layer Interactions.
N85-31067/0 **23**-*551,896* PC **A02**/MF **A01**

**ISL-CO-205/83**

Ueber die Bedeutung der in Einer Gasfoermigen Stroemung Mitgefuehrten Teilchen in der Laseranemometrie (The Significance for Lasar Anemometry of Particles Carried Along in a Gas Flow).
N85-24251/9 **17**-*539,304* PC **A03**/MF **A01**

**ISL-CO-207/83**

Omega: Un Dispositif de Mesure Optronique de l'Angle d'Incidence d'UN Projectile (Omega: An Optronic Device to Measure the Incidence Angle of a Projectile).
N85-24274/1 **17**-*539,250* PC **A02**/MF **A01**

**ISL-CO-207/84**

Telemetriesystem Zur Uebertragung von Messwerten Aus Geschossen Waehrend der Beschleunigungsphase im Rohr (Telemetry System for the Transmission of Data from Projectiles during the Acceleration Phase in the Gun Barrel).
N85-33178/3 **26**-*561,679* PC **A02**/MF **A01**

Telemetriesystem zur Uebertragung von Messwerten aus Geschossen Waehrend der Beschleunigungsphase im Rohr (Telemetry System for Transmission of Measured Values from Projectiles during the Acceleration Phase in the Tube) (Systeme de Telemesure pour la Transmission de Donnees a Partir de Projectiles Pendant la Phase d'Acceleration dans le Tube du Canon).
PB85-172435 **12**-*527,887* PC **E03**/MF **E03**

**ISL-CO-208/83**

Experimental Simulation of the Flow inside a Gun Barrel.
N85-24252/7 **17**-*539,243* PC **A02**/MF **A01**

**ISL-CO-208/84**

Experimental Simulation of Internal Ballistic Flows.
N85-31312/0 **23**-*554,136* PC **A02**/MF **A01**

**ISL-CO-209/84**

Darstellung der Simultanionsarbeiten Zur Endballistik Anhand Ausgesuchter Beispiele. Anwendungen des Isl-Rechenmodells Pepsi (Presentation of Numerical Simulation Work in Terminal Ballistics Using a Few Examples. Applications of the Calculation Model Program for Elastoplastic Simulation of Impacts (PEPSI) of the Franco-German Research Institute Saint Louis (Isl)).
N85-33741/8 **26**-*561,682* PC **A02**/MF **A01**

**ISL-CO-210/83**

Anwendung der Laseranemometrie Auf Brennkammerstrahlen (Application of Laser Anemometry to Jets in Combustion Chambers).
N85-24253/5 **17**-*539,620* PC **A03**/MF **A01**

**ISL-CO-211/83**

Eine Zweistufenbombe Zur Messung der Entflammbarkeit von Treibladungspulvern (A Two-Step Bomb to Determine the Inflammability of Propellant Charge Powders).
N85-24026/5 **17**-*539,237* PC **A02**/MF **A01**

**ISL-CO-212/83**

Measurements of Two-Phase Exhaust Flow Parameters of a Small Caliber Gun Associated with Muzzle Flash Phenomena.
N85-27182/3 **19**-*544,007* PC **A02**/MF **A01**

**ISL-CO-212/84**

Laser Doppler Anemometer (LDA) Measurements in the Turbulent Near-Wake of Blunt Bodies.
N85-33450/6 **26**-*561,699* PC **A02**/MF **A01**

L.D.A. Measurements in the Turbulent Near-Wake of Blunt Bodies,
PB85-163830 **11**-*525,363* PC **E03**/MF **E03**

**ISL-CO-213/83**

Mesures Bidimensionnelles Par Anemometrie Laser des Fluctuations de Vitesse dans UN Jet Excite (Laser Anemometry Two Dimensional Measurement of Velocity Fluctuations in an Excited Jet).
N85-24254/3 **17**-*539,305* PC **A02**/MF **A01**

**ISL-CO-213/84**

Holographic Cinematography with the Help of a Pulse YAG Laser.
N85-33472/0 **26**-*561,307* PC **A02**/MF **A01**

**ISL-CO-214/83**

Etude Par Anemometrie Laser d'Ecoulements Decolles sur des Profils d'Aile (Laser Anemometer Study of Separated Flow on Wing Profiles).
N85-12872/6 **07**-*514,324* PC **A05**/MF **A01**

**ISL-CO-215/84**

Mesures de Vitesse et de Concentration dans les Jets Libres (Measurement of Velocity and Concentration in Free Jets).
N85-33451/4 **26**-*561,700* PC **A03**/MF **A01**

Mesures de Vitesse et de Concentration dans les Jets Libres (Measurement of Speed and Particle Concentration in Free Jets) (Messung der Geschwindigkeit und Teilchenkonzentration in Freistrahlen),
PB85-172765 **13**-*530,331* PC **E04**/MF **E04**

**ISL-CO-216/83**

Einfluss der Form und des Spiels Eines Flugkolbens Auf die Grenzschicht und den Waermeuebergang (Effect of Form and Clearance of a Piston Launched in a Tube on the Boundary Layer and the Heat Transfer).
N85-24255/0 **17**-*539,244* PC **A03**/MF **A01**

**ISL-CO-216/84**

New Method for Compensating and Measuring Any Motion of Three-Dimensional Objects in Holographic Interferometry.
N85-33474/6 **26**-*561,283* PC **A02**/MF **A01**

Nouvelle Methode de Correction et de Mesure des Deplacements Quelconques d'un Objet Tridimensionnel en Interferometrie Holographique (New Method for Compensationg and Measuring any Motion of 3D-Objects in Holographic Interferometry) (Neue Methode fuer die Korrektur und die Messung von Beliebigen Verschiebungen eines Dreidimensionalen Objektes in der Holographischen Interferometrie),
PB85-164481 **11**-*524,823* PC **E03**/MF **E03**

**ISL-CO-217/83-PT-1**

Komponenten der Verbrennungsgase von Treibladungspulvern Nach Umsetzung in der Hochdruckbombe im Druckbereich Bis 1000 Mpa. Teil 1: Nitroglycerinpulver Gb PA 125 (Components of the Combustion Gases of Propellant Charge Powders after Reaction in the High Pressure Bomb in the Pressure Range Up to 1000 Mpa. Part 1: Nitroglycerine Powder Gb PA 125).
N85-24027/3 **17**-*539,238* PC **A02**/MF **A01**

**ISL-CO-217/84**

Experimental Simulation of in-Bore Flows Using a High Pressure Shock Tube.
N85-33452/2 **26**-*561,680* PC **A02**/MF **A01**

Experimental Simulation of In-Bore Flows Using a High Pressure Shock Tube,
PB85-164531 **11**-*525,319* PC **E03**/MF **E03**

**ISL-CO-218/83**

Visualisierung von Geschwindigkeitsfeldern MIT Dopplerbildern (Visualization of Velocity Fields with Doppler Images).
N85-24256/8 **17**-*539,306* PC **A02**/MF **A01**

**ISL-CO-218/84**

Lasers a Vapeurs Metalliques et Leurs Applications (Metal Vapor Lasers and Their Applications).
N85-33488/6 **26**-*561,712* PC **A03**/MF **A01**

**ISL-CO-219/83**

Beanspruchung von Rotationssymetrischen Schwermetallprojektilen Beim Abschuss (Stress in Axially Symmetrical Heavy Metal Projectiles During Discharge).
N85-24345/9 **17**-*539,239* PC **A02**/MF **A01**

**ISL-CO-219/84**

Comparison of Laser-Doppler Anemometry and Probe Measurements Within the Boundary Layer of an Airfoil at Subsonic Flow,
PB85-163814 **11**-*523,231* PC **E03**/MF **E03**

**ISL-CO-220/84**

Behavior of the Porous Bed in a Combustion-Deflagration-Detonation Transition.
N85-33224/5 **26**-*561,668* PC **A02**/MF **A01**

Comportement du Lit Poreux au Cours d'une Transition Combustion-Deflagration-Detonation (Behavior of the Porous Bed in a Combustion-Deflagration-Detonation Transition),
PB85-172401 **12**-*528,116* PC **E03**/MF **E03**

**ISL-CO-221/84**

Transition Combustion-Deflagration-Detonation (Combustion-Deflagration-Detonation Transition).
N85-33225/2 **26**-*561,669* PC **A02**/MF **A01**

**ISL-CO-222/83**

Simulation Innenballistischer Stroemungen im Strossrohr (Simulation of Interior Ballistics Flows in a Shock Tube).
N85-27183/1 **19**-*544,008* PC **A03**/MF **A01**

**ISL-CO-224/83**

Feasibility Study on Laser Doppler Anemometer (LDA) Wind Velocity Measurements Using Pulsed Visible Laser Light.
N85-27489/2 **19**-*542,277* PC **A02**/MF **A01**

**ISL-CO-225/83**

Automatic Traversing System for Laser Doppler Anemometer (LDA) Applications to Wind Tunnels and to Free Jets.
N85-27490/0 **19**-*543,688* PC **A02**/MF **A01**

**ISL-CO-225/84**

Study of Boundary Layer Separation on a Supercritical Profile with a Spoiler by Means of a Laser Doppler Velocimeter,
PB85-164432 **11**-*523,232* PC **E03**/MF **E03**

**ISL-CO-226/83**

33 Jahre Forschung MIT Strossrohren im Deutsch-Franzoesischen Forschunginstitut Saint Louis (Thirty-Three Years of Research with Shock Tubes in the Franco-German Research Institute, Saint Louis (France)).
N85-24257/6 **17**-*539,307* PC **A02**/MF **A01**

**ISL-CO-226/84**

Utilisation de Fibres Optiques en Holographie au Laser Pulse (Use of Optical Fibers in Pulsed Holography),
PB85-164440 **11**-*525,384* PC **E03**/MF **E03**

**ISL-CO-227/84**

Diffraction X Instantanee (Flash X-ray Diffraction) (Roentgenblitz-Beugungsdiagramme).
PB85-170884 **13**-*529,837* PC **E03**/MF **E03**

**ISL-CO-228/83**

Anwendung von Microchannelplates in der Roetgenblitztechnik (Utilization of Microchannel Plates in the Flash X-Ray Technique)
N85-24275/8 **17**-*538,716* PC **A02**/MF **A01**

**ISL-CO-228/84**

Detonation des Explosifs Condenses: Evolution des Etudes et Connaissances au Cours des Quarante Dernieres Annees (Detonation of Condensed Explosives: Evolution of Studies and Knowledge in the Course of the Last Forty Years) (Detonation Kondensierter Sprengstoffe: Ubersicht Ueber die in den Vergangenen Vierzig Jahren Durchgefuehrten Arbeiten und Erzielten Ergebnisse),
PB85-172757 **12**-*527,888* PC **E04**/MF **E04**

**ISL-CO-229/84**

Sprengstoffe Auf der Basis von Hydrazinnitrat (Hydrazine Nitrate Based Explosives).
N85-33272/4 **26**-*561,671* PC **A02**/MF **A01**

**ISL-CO-230/83**

Partikelmitfuehrung in Einem Kompressiblen Wirbel (Particle Entrainment in a Compressible Vortex).
N85-13192/8 **07**-*515,532* PC **A02**/MF **A01**

**ISL-CO-230/84**

Particle Sizing by the Aid of Whisker Collectors,
PB85-231421 **23**-*553,702* PC **E04**/MF **E04**

**ISL-CO-231/83**

Utilisation du Principe d'Isoenergie et de la Ponderation a pour l'Evaluation des Risques Lesionnels Dus a l'Exposition aux Bruits dans UN Environnement Militaire (Application of the Isoenergy Principle and the Weighing to Evaluate Lesion Risks Due to Noise in a Military Environment).
N85-24720/3 **17**-*537,582* PC **A02**/MF **A01**

**ISL-CO-232/83**

Experimentelle Simulation der Stroemungen VOR und Hinter Einem Geschoss MIT und Ohne Gasschlupf (Experimental Simulation of the Flows in Front of and Behind a Projectile with and Without Gas Slippage).
N85-24258/4 **17**-*539,245* PC **A03**/MF **A01**

**ISL-CO-232/84**

Study of High-Speed Combustion Flows by Laser Velocimetry,
PB85-224012 **22**-*551,811* PC **E04**/MF **E04**

**ISL-CO-233/83**

Die Verwendung Einer Leichtgaskanone Zur Simulation Innenballistischer Stroemungen (The Utilization of a Light-Gas Gun to Simulate Interior Ballistic Flow).
N85-24259/2 **17**-*539,246* PC **A02**/MF **A01**

**ISL-CO-234/83**

Mesures de Pression Acoustique Intracochleaire Chez le Cobaye (Measurement of Cochlear Acoustic Pressure in Guinea Pigs).
N85-27644/2 **19**-*542,750* PC **A03**/MF **A01**

**ISL-CO-235/83**

Untersuching Zur Drosselwirkung Eines Interpulverbetts Auf Partikelbeladene Anzuendschwaden (Investigation of the Choking Effect of an Inert Granular Bed on an Ignition Gas Jet Charged with Particles).
N85-24028/1 **17**-*539,242* PC **A02**/MF **A01**

**ISL-CO-236/83**

Laser in der Kurzzeitphysik und Ballistik (Lasers in the Domains of Ultrashort-Time Phenomena Physics and Ballistics).
N85-24299/8 **17**-*538,717* PC **A03**/MF **A01**

**ISL-CO-238/83**

Holographie Ultra-Rapide par Fibres Optiques (Ultrafast Holography with Use of Optical Fibers) (Kurzzeitholographie unter Verwendung von Optischen Fasern).
PB85-215903 **20**-*546,525* PC **E03**/MF **E03**

**ISL-CO-239/83**

Interferometrische Geschwindigkeitsmessungen in der Ballistik (Interferometric Velocity Measurements in Ballistics).
N85-24276/6 **17**-*539,251* PC **A03**/MF **A01**

**ISL-CO-240/83**

Untersuchung der Turbulenten Abgeloesten Stroemung Hinter Einem Spoiler (Investigation of the Turbulent Separated Flow Behind a Spoiler).
N85-23726/1 **17**-*537,010* PC **A03**/MF **A01**

Untersuchung der Turbulenten Abgeloesten Stroemung Hinter Einem Spoiler (Investigation of Separated Turbulent Flow behind a Spoiler).
PB85-147007 **08**-*515,728* PC **E04**/MF **E04**

**ISL-CO-241/84**

Analyse von Aussenballistischen Sonderproblemen mit 6-Freiheitsgrad-Modellen (Analysis of Special External Ballistic Problems with 6-Degree-of-Freedom Models) Analyse de Problemes Particuliers de la Balistique Exterieure a l'Aide de Modeles a 6 Degres de Liberte.
PB85-247138 **26**-*561,683* PC **E04**/MF **E04**

**ISL-M355-2**

Algorithms for Locating and Identifying Multiple Sources and Receivers by a Distributed Sensor Network.
AD-A157 699/0 **24**-*555,486* PC **A06**/MF **A01**

**ISL-N-601/84**

Formation du Flux Secondaire dans le Tube de Lancement d'un Propulseur a Poudre Sous-Calibre (Formation of Secondary Flow in the Launching Tube of a Low Caliber Weapon with Automatic Propulsion) (Bildung des Sekundaerstromes im Abschussrohr eines Unterkaliber-Geschosses mit Eigenantrieb).
PB85-157956 **10**-*522,911* PC **E03**/MF **E03**

**ISL-N-602/84**

Quarzstabilisierter Treiber fuer die Braggzellen IM 20, der Firma SORO, mit in 100-kHz-Schritten Einstellbarer Differenzfrequenz (Quartz-Stabilized Driver for Bragg Cells IM 20 from the SORO Company, with Differential Frequency Adjustable in 100-kHz Steps)
PB85-157170 **10**-*522,509* PC **E03**/MF **E03**

**ISL-N-603/84**

Analyse Spectrale des Fluctuations de Vitesse Mesurees par Anemometrie Laser (Spectral Analysis of Speed Fluctuations Measured by Laser Anemometry) (Spektralanalyse der mit Hilfe der Laseranemometrie Gemessenen Geschwindigkeitsschwankungen).
PB85-237477 **24**-*556,654* PC **E04**/MF **E04**

**ISL-N-608/84**

Stimulation Acoustique en Circuit Ferme Chez le Cobaye: Mesure de Quelques Parametres (Acoustic Stimulation in Closed Circuit in the Guinea Pig: Measurement of Some Parameters) (Akustische Stimulierung in Geschlossener Anordnung beim Meerschweinchen: Messung Einiger Parameter).
PB85-231439 **23**-*552,390* PC **E04**/MF **E04**

**ISL-N-613/83**

Mesure des Vitesses et des Grandeurs Turbulentes dans un Jet Libre Non Excite (Measurement of Velocities and Turbulence Values in a Non-Excited Free Jet) (Messung von Geschwindigkeiten und Turbulenzgroessen in einem Nichtangeregten Freistrahl).
PB85-157964 **10**-*522,959* PC **E04**/MF **E04**

**ISL-NB-402/83**

Le Developement du Velocimetre Laser Embarquable a l'Isl de 1976 a 1982 (The Development of Onboard Laser Velocimeter at the Saint Louis Institute (France) from 1976 to 1982).
N85-27216/9 **19**-*542,104* PC **A04**/MF **A01**

Developpement du Velocimetre Laser Embarquable a l'ISL de 1976 a 1982 (Development of the Transportable Laser Velocimeter at ISL from 1976 to 1982 (Zwischen 1976 und 1982 im ISL Durchgefuehrte Arbeiten zur Entwickling Eines Laser-Velozimeters fuer den Einsatz an Bord von Flugzeugen).
PB85-222941 **21**-*548,716* PC **E04**/MF **E04**

**ISL-R-101/83**

Druckwellen VOR und Hinter Einem Fluckolben im Stossrohr (Compression Waves in Front of and Behind a Piston Launched in a Shock Tube).
N85-24260/0 **17**-*539,247* PC **A08**/MF **A01**

**ISL-R-101/84**

Fatigue Auditive Engendree Par l'Exposition a des Sons de Differentes Frequences Presentes a des Niveaux d'Audition Egaux (Auditory Fatigue Caused by Exposure to Different Frequency Sounds Presented at Equivalent Intensity).
N85-31923/4 **23**-*552,413* PC **A03**/MF **A01**

**ISL-R-102/83**

Utilisation des Fibres Optiques en Holographie (The Utilization of Optical Fibers in Holography).
N85-27196/3 **19**-*544,037* PC **A03**/MF **A01**

**ISL-R-103/83**

Creation d'Ondes de Detonation de Forme et de Caracteristiques Temporelles Donnees (Generation of Detonation Waves of Given Spatial and Temporal Characteristics).
N85-27021/3 **19**-*543,963* PC **A03**/MF **A01**

**ISL-R-103/84**

Mechanismus, Triggermethoden und Anwendungen der Pseudofunkenentladung (Mechanism, Trigger Methods and Applications of Pseudospark Discharge) (Fonctionnement, Methodes de Declenchement et Applications des Eclateurs a Pseudo-Decharge).
PB85-157188 **10**-*522,934* PC **E03**/MF **E03**

**ISL-R-103/85**

Mesures de Champs de Vitesses dans les Fluides par Traitement d'Images de Microparticules (Measurements of Velocity Fields in Fluids by Image Treatment of Microparticles) (Messung von Geschwindigkeitsfeldern in Stroemungen durch Verarbeitung der Bilder von Mikroteilchen).
PB85-228443 **23**-*553,686* PC **E03**/MF **E03**

**ISL-R-104/84**

Stosswellen in Benachbarten Triebwerkseinlaeufen (Shock Waves in Adjacent Engine Inlets).
N85-31068/8 **23**-*554,193* PC **A03**/MF **A01**

**ISL-R-105/84-PT-2C**

Laserwirkung Auf Undurchsichtige Ziele. Teil 2C: Thermische Wirkungen bei Zeitveraenderlicher Intensitaet (Laser Effects on Opaque Targets. Part 2C. Thermal Effects of a Time-Variable Beam Intensity).
N85-33486/0 **26**-*561,378* PC **A06**/MF **A01**

**ISL-R-106/84**

Herstellung von Nitraminen durch Substitutionsreaktionen an Halogenverbindungen (Preparation of Nitramines Through Substitution Reactions with Halogen Compounds) (Preparation de Nitramines par Reactions de Substitution avec des Composes Halogenes).
PB85-172781 **13**-*528,936* PC **E04**/MF **E04**

**ISL-R-108/84**

Transition Combustion-Deflagration-Detonation dans Une Poudre Spherique Confinee (Combustion-Deflagration-Detonation Transition in a Confined Spherical Powder).
N85-33223/7 **26**-*561,667* PC **A03**/MF **A01**

**ISL-R-109/83-PT-1**

Die Detonation von Brennstoffaerosolen und Daempfen Unter Kontrollierten Bedingungen. Teil 1: Aufbau Einer Versuchsanlage (The Detonation of Aerosols and Vapors of Combustible Substances under Controlled Conditions. Part 1. Construction of a Test Installation).
N85-23966/3 **17**-*538,711* PC **A04**/MF **A01**

**ISL-R-109/84**

Gaszusammensetzung und Molekuelgeschwindigkeiten in Expandierenden Detonationsschwaden von Nitropenta (Petn) im Hochwvakuum. Massenspektrometrische Untersuchung und Laufzeitanalyse (Gas Composition and Molecule Velocity in the Detonation Products of Pentaerythritol Tetranitrate (Petn) in Expansion in a High Vacuum Container. Analysis by Mass Spectroscopy and Time of Flight Spectrometry).
N85-33226/0 **26**-*561,670* PC **A04**/MF **A01**

**ISL-R-110/84**

Messungen an der Zwei-Phasenstroemung im Ausstroemungsbereich eines Gewehrs vom Kaliber 7,62 mm (Measurements on Two-Phase Flow in the Muzzle Area of a 7.62 mm Caliber Gun) (Mesures Relatives a l'Ecoulement Diphasique au Voisinage de la Bouche d'un Fusil de 7,62 mm de Calibre).
PB85-234656 **23**-*554,140* PC **E06**/MF **E06**

**ISL-R-111/84**

Etude Holographique de la Pulverisation Produite par un Injecteur de Moteur VIKING (Holographic Study of Pulverization Produced by a VIKING Motor Injector Nozzle) (Holographische Untersuchung der Durch Eine Einspritzduese des Triebwerks VIKING Erzeugten Zerstaeubung).
PB85-172849 **12**-*528,257* PC **E04**/MF **E04**

**ISL-R-112/84**

Numerische Simulation Innen- und Endballistischer Vorgaenge Untersuchung von Parametereinfluessen und Anwendungsbeispiele (Numerical Simulation of Interior and Terminal Ballistics Phenomena. Investigation of the Effects of the Parameters and Application Examples).
N85-33731/9 **26**-*561,681* PC **A03**/MF **A01**

**ISL-R-113/83**

Methode d'Evaluation de l'Energie Residuelle d'UN Eclat Apres Perforation d'Une Cible Mince (A Method for the Evaluation of the Residual Energy of a Metallic Fragment after Perforation of a Thin Target).
N85-27233/4 **19**-*543,969* PC **A03**/MF **A01**

**ISL-R-114/83**

Contribution a l'Etude de la Localisation des Sources de Bruit Equivalentes dans des Jets Froids Rapides (Contribution to the Study of Equivalent Noise Source Identification in Fast Cold Jets).
N85-27645/9 **19**-*543,977* PC **A11**/MF **A01**

**ISL-R-115/83**

Etude du Couplage Entre Champs Moyen, Coherent et Turbulent dans UN Jet, Libre Rond Excite (Study of the Coupling between Average, Coherent and Turbulent Fields in a Circular Excited Free Jet).
N85-27184/9 **19**-*544,009* PC **A12**/MF **A01**

**ISL-R-116/83**

Formation d'Une Nappe Lumineuse Coherente a l'Aide d'un Systeme Optique Sphero-Cylindrique (Formulation of a Coherent Light-Sheet by Means of a Cylindrical-Spherical Optical System).
N85-27674/9 **19**-*544,038* PC **A04**/MF **A01**

Formation d'une Nappe Lumineuse Coherente a l'Aide d'un Systeme Optique Sphero-Cylindrique (Formation of a Coherent Light Plane by Means of a Sphero-Cylindrical Optical System),
PB85-146983 **08**-*517,804* PC **E04**/MF **E04**

**ISL-R-117/83**

Analyse des Structures Ordonnees dans les Jets et Relation Avec le Bruit Emis (Analyses of Orderly Structures in Jets and the Relationship with Emitted Noise).
N85-27646/7 **19**-*543,978* PC **A03**/MF **A01**

**ISL-R-118/83**

Nichtstationaere Rohrstroemmungen MIT Verbrennung (Unsteady Flows in a Tube with Combustion Reaction).
N85-24261/8 **17**-*539,248* PC **A05**/MF **A01**

**ISL-R-119/83**

Kupferhohlkathodenlaser (Laser with a Hollow Copper Cathode).
N85-24300/4 **17**-*539,328* PC **A02**/MF **A01**

**ISL-R-119/84**

Mecanismes Cochleaires Impliques dans le Seuil de Sensibilite Auditive et la Fatigue Auditive (Results of a Study on Auditory Fatigue Induced by Exposure to Pure Tones Applied at the Input to the Cochlea) (Fuer den Schwellenwert von Gehoerempfindlichkeit und Gehoerermuedung Massgebliche Vorgaenge in der Cochlea).
PB85-230290 **23**-*552,389* PC **E06**/MF **E06**

**ISL-R-120/84**

Etude du Bruit Rayonne par le Sillage d'un Barreau Place dans un Ecoulement (Study of the Noise Emitted by the Wake of a Rod Placed in a Flow) (Untersuchung des vom Nachlauf eines Umstroemten Stabes Emittierten Laerms).
PB85-247401 **26**-*559,981* PC **E04**/MF **E04**

**ISL-R-121/83**

Die Ausbildung Eines Symmetrischen Wirbelpaares Hinter Einem Angestellten Sch Schlanken Drehkoerper (Generation of a Pair of Symmetric Eddies Behind a Slender Axisymmetric Body with Pitch Angle).
N85-19934/7 **14**-*530,743* PC **A05**/MF **A01**

**ISL-R-122/83**

Influence de la Loi de Comportement dans la Deformation Par Explosif d'Assiettes Metalliques (Influence of Behavior Laws in the Explosive Deformation of Metal Plates).
N85-27032/0 **19**-*543,968* PC **A03**/MF **A01**

**ISL-R-124/83**

Etudes des Correlations Vitesse-Pression Acoustique Conditionnees sur le Signe et l'Amplitude de la Fluctuation de Vitesse dans UN Jet Froid (Study of the Velocity-Acoustic Pressure Correlation in a Cold Jet, Centered on the Sign and the Amplitude of the Velocity Fluctuations).
N85-13193/6 **07**-*515,516* PC **A03**/MF **A01**

**ISL-R-125/83**

Geschwindigkeitsmessungen in Einer Aerosolwolke Waehrend der Pyrotechnischen Zerstaeubung (Measurement of the Expansion Velocity of an Aerosol Cloud During Pyrotechnical Dispersion).
N85-24262/6 **17**-*539,249* PC **A03**/MF **A01**

**ISL-R-126/83**

Modele de Calcul des Ecoulements Libres Turbulents: Application au Jet Axisymetrique (Computation Model of Turbulent Free Flow: Application to Axisymmetric Jets).
N85-27185/6 **19**-*544,010* PC **A03**/MF **A01**

**ISL-R-126/84**

Mesure Optique du Volume d'un Cratere par Projection de Franges (Optic Measurement of a Crater Volume by Projecting a Stress Pattern) (Optische Messung eines Kratervolumens durch Projektion eines Streifensystems).
PB85-247369 **26**-*561,684* PC **E04**/MF **E04**

**ISL-R-128/83-PT-2**

Durchfuehrbarkeitsstudie Zum Bau Einer Anlage Zur Simulation der Treibgasstroemung in Einem Waffenrohr, 2 (Feasibility Study of an Installation to Simulate the Flow of Propellant Gases in a Gun Barrel, Part 2).
N85-24263/4 **17**-*539,253* PC **A03**/MF **A01**

**ISL-R-129/83**

Experimentelle und Theoretische Untersuchung der Partikelbewegung in Einem Kompressible Wirbel (Experimental and Theoretical Investigation of the Motion of Particles in a Compressible Vortex).
N85-24264/2 **17**-*539,308* PC **A04**/MF **A01**

**ISL-R-131/83**

Einsatzmoeglichkeiten der Laser-Doppler-Anemometrie bei der Untersuchung der Transsonischen Wechselwirkung

Zwischen Verdichtungsstoss und Grenzschicht (Application Possibilities of Laser Doppler Anemometry in the Investigation of the Transonic Interaction Between Shock Wave and Boundary Layer).
N85-24265/9 **17**-*538,712* PC **A04**/MF **A01**

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PB85-144533 **07**-*514,327* PC **E04**/MF **E04**

**ISL-RT-501/84**

Etude, par la Methode de Coin, de la Composition B2141 (SNPE): Correlation entre l'Amorcabilite et la Formulation d'un Explosif a Liant Plastique (Wedge-Technique Investigation of Composite Explosive B2141 (SNPE). Correlation between Ignitability and Formation of an Explosive with Plastic Bond).
PB85-141596 **07**-*515,502* PC **E04**/MF **E04**

**ISL-RT-502/85**

Dispositifs d'Excitation Electrique a Double Implusion pour Lasers a Gaz a Vapeurs Metalliques (Double-Impulse Devices for Electrical Excitation of Gas or Metal Vapor Lasers) Doppelimpuls-Vorrichtungen fuer Die Elektrische Anregung von Gas-bzw. Metalldampflasern.
PB85-247203 **26**-*561,726* PC **E03**/MF **E03**

**ISL-RT-504/84**

Mise au Point d'un Laser HF de Faible Puissance (Perfecting a Low-Power HF Laser).
PB85-145076 **07**-*515,548* PC **E04**/MF **E04**

**ISL-RT-507/84**

Etude de l'Allumage au Calibre 120 mm 1re Partie: Description et Experimentation de l'Installation (Investigation of the Ignition Process in the 120 mm Caliber. Part 1. Description and Testing of Test Facility) (Untersuchung des Anzuendvorgangs im Kaliber 120 mm. 1. Teil: Beschreibung und Erprobung der Versuchsanlage).
PB85-172898 **12**-*528,117* PC **E04**/MF **E04**

**ISL-RT-513/84**

Schussversuche zur Untersuchung der Beschleunigungsfestigkeit von Lithium-Batterien (Firing Tests on the Investigation of the Acceleration Resistance of Lithium Batteries) Essais de Tir pour Etudier la Tenue a l'Acceleration de Batteries au Lithium.
PB85-247914 **26**-*560,878* PC **E03**/MF **E03**

**ISN-82-11**

Observation of Rainbow Scattering in the sup 12 C + sup 12 C System at E(cm) = 508 MeV.
DE84780436 **01**-*502,532* PC **A02**/MF **A01**

**ISN-83-02**

Semiclassical Description of Rotating Nuclei.
DE85751211 **25**-*559,618* PC **A03**/MF **A01**

**ISN-83-10**

Direct Measurements of Heavy Ion Reaction Cross Sections.
DE85750663 **15**-*534,941* PC **A02**/MF **A01**

**ISN-83-17**

Non-Equilibrium Neutron Emission in the sup 12 C+ Au Reaction at 30 MeV/A.
DE85750548 **15**-*534,926* PC **A02**/MF **A01**

**ISN-83-18**

Quark Droplets - The D-Charge Form Factor and the Proton Backscattering from Various Nuclei.
DE85750550 **15**-*534,928* PC **A02**/MF **A01**

**ISN-83-19**

Optical Model Analysis of 0.8 GeV Polarized Proton Elastic Scattering from sup 12 C, sup 16 O, sup 18 O and sup 24 Mg, sup 26 Mg.
DE85780697 **15**-*535,003* PC **A02**/MF **A01**

**ISN-83-20**

Elastic Scattering of sup 13 C Ions on sup 208 Pb at 30 MeV/N.
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**ISN-83-21**

Low Energy Nucleus-Nucleus Elastic Scattering and the Optical Limit of Glauber-Theory.
DE85780694 **15**-*535,000* PC **A02**/MF **A01**

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**ISN-83-25**

Inelastic Scattering of sup 13 C Ions to Giant Resonances in sup 208 Pb.
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**ISN-83-40**

New Isomers and Their Decay in Odd-Odd Neutron-Deficient Cesium Isotopes.
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**ISN-83-41**

High-Spin States in the Transitional Odd-Odd Nuclei sup 150 Eu and sup 152 Tb.
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**ISN-83-42**

Non Relativistic 3-Quark Dynamical Solution of Faddeev Equation and the S-Wave Nucleon-Nucleon Scattering.
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**ISN-83-45**

Nuclei: A Superfluid Condensate of alpha -Particles. A Study within the Interacting Boson Model.
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**ISN-83-46**

Validity of Various Approximations for the Bethe-Salpeter Equation and Their WKB-Quantization.
DE85750630 **15**-*535,044* PC **A03**/MF **A01**

**ISN-83-47**

Meson-Deuteron Scattering Experiments: The Polarization Era.
DE85750629 **15**-*534,939* PC **A02**/MF **A01**

**ISN-83-48**

High-Spin States in sup 161 Tm.
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**ISN-83-57**

Experimental Set-Up for Direct Measurements of Heavy Ion Reaction Cross Sections.
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**ISN-83-58**

Anharmonicities of Coupled beta and gamma Vibrations Discussed in a Simple Model.
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**ISN-83-59**

Nuclear Structure at High and Very High Spin Theoretical Description.
DE85750547 **15**-*534,925* PC **A03**/MF **A01**

**ISN-83-60**

Dynamical Effects in Non-Relativistic Description of N-N Interaction Using Faddeev Solution for 3-Q Nucleon.
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**ISN-83-61**

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**ISN-83-63**

Calculations for the Design and Modification of the 2 Cyclotrons of S.A.R.A.
DE85780685 **15**-*534,838* PC **A02**/MF **A01**

**ISN-83-64**

Interest of Intermediate Energy Polarized Deuterons in Nuclear Physics.
DE85750549 **15**-*534,927* PC **A02**/MF **A01**

**ISN-83-65**

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DE85751292 **20**-*546,764* PC **A02**/MF **A01**

**ISN-84-02**

Elastic and Inelastic Scattering of Carbon Ions at Intermediate Energies.
DE85751237 **24**-*556,866* PC **A03**/MF **A01**

**ISN-84-03**

Nucleon Transfer Between Heavy Nuclei.
DE85750542 **15**-*534,920* PC **A02**/MF **A01**

**ISN-84-04**

Effective Moment of Inertia of sup 118 Xe and sup 130 Ba.
DE85751079 **19**-*544,195* PC **A02**/MF **A01**

**ISN-84-05**

Collective Moment of Inertia of Sup(118,122)Xe and Sup(128,130)Ba.
DE85780692 **15**-*534,998* PC **A02**/MF **A01**

**ISN-84-06**

Measurement of Isub(Band)Sup((2)) in sup 123 Cs.
DE85780695 **15**-*535,001* PC **A02**/MF **A01**

**ISN-84-08**

Optical-Model Analysis for 800 MeV Polarized Proton Elastic Scattering from sup 12 C, sup 16 O, sup 18 O, sup 20 Ne and sup 24 Mg, sup 26 Mg.
DE85751236 **24**-*556,865* PC **A02**/MF **A01**

**ISN-84-12**

Approach of Chaos in Deformed Nuclei.
DE85751334 **20**-*546,785* PC **A02**/MF **A01**

**ISN-84-13**

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DE85751304 **20**-*546,770* PC **A02**/MF **A01**

**ISN-84-14**

General Iteration Scheme for the Calculation of Level Densities, and Results Using a Semiclassical Approximation.
DE85751309 **20**-*546,775* PC **A02**/MF **A01**

**ISN-84-15**

Semiclassical Calculations of the Imaginary Part of the Nucleon-Nucleus Optical Potential.
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**ISN-84-16**

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**ISN-84-17**

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**ISN-84-20**

Classical Properties and Semiclassical Quantization of a Spherical Nuclear Potential.
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**ISN-84-21**

Difference of the Dynamic Moment of Inertia Isub(Band)Sup((2)) for Xe and Ba Nuclei.
DE85751235 **24**-*556,864* PC **A03**/MF **A01**

**ISN-84-22**

Difference of the Dynamic Moment of Inertia Isub(Band)Sup(2)) for Xe and Ba Nuclei.
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**ISN-84-23**

Dynamic Moment of Inertia in the Ba-Region.
DE85751308 **20**-*546,774* PC **A02**/MF **A01**

**ISN-84-24**

Search for a Possible Systematic Trend of Optical Model Parameters from 800 MeV Polarized Protons Elastic Scattering on Light Nuclei.
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**ISN-84-25**

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**ISN-84-26**

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**ISN-84-27**

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**ITEF-2(1984)**
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**ITEF-5(1983)**
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**ITEF-7(1983)**
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**ITEF-11(1983)**
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**ITEF-11(1984)**
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**I EF-12(1983)**
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DE85700648 **20**-*546,093* PC **A02**/MF **A01**

**ITEF-13(1983)**
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DE85700785 **18**-*540,913* PC **A03**/MF **A01**

**ITEF-18(1983)**
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**ITEF-51(1983)**
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**ITEF-57(1983)**
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DE84702952 **05**-*512,463* PC **A02**/MF **A01**

**ITEF-64(1983)**
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DE84702171 **02**-*505,001* PC **A04**/MF **A01**

**ITEF-66(1983)**
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DE85700836 **18**-*541,829* PC **A02**/MF **A01**

**ITEF-74(1983)**
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DE84702222 **02**-*502,863* PC **A04**/MF **A01**

**ITEF-79(1983)**
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**ITEF-88(1983)**
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**ITEF-91(1983)**
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**ITEF-92(1983)**
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**ITEF-98(1983)**
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DE84702361 **03**-*507,216* PC **A02**/MF **A01**

**ITEF-99(1983)**
Multi-Channel Counting System with Data Output on an Alphanumerical Display.
DE85700769 **23**-*553,661* PC **A02**/MF **A01**

**ITEF-102(1983)**
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DE84702730 **08**-*518,059* PC **A02**/MF **A01**

**ITEF-105(1983)**
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DE85701884 **25**-*559,403* PC **A02**/MF **A01**

**ITEF-107(1982)**
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DE83703233 **02**-*504,614* PC **A02**/MF **A01**

**ITEF-108(1983)**
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DE84701632 **01**-*502,469* PC **A02**/MF **A01**

**ITEF-109(1983)**
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DE85700126 **09**-*518,429* PC **A03**/MF **A01**

**ITEF-111(1980)**
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**ITEF-112(1982)**
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DE84700455 **03**-*507,123* PC **A02**/MF **A01**

**ITEF-112(1983)**
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**ITEF-113(1983)**
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**ITEF-114(1982)**
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**ITEF-115(1982)**
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DE84702559 **02**-*503,577* PC **A02**/MF **A01**

**ITEF-116(1983)**
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**ITEF-117(1983)**
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DE84702390 **03**-*507,371* PC **A02**/MF **A01**

**ITEF-119(1983)**
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DE85700813 **18**-*541,798* PC **A04**/MF **A01**

**ITEF-120(1983)**
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DE85700672 **20**-*546,685* PC **A04**/MF **A01**

**ITEF-124(1983)**
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DE85700870 **20**-*546,729* PC **A03**/MF **A01**

**ITEF-130(1983)**
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**ITEF-131(1983)**
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DE84702587 **09**-*520,625* PC **A03**/MF **A01**

**ITEF-132(1980)**
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**ITEF-132(1983)**
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DE85700737 **22**-*551,498* PC **A02**/MF **A01**

**ITEF-133(1980)**
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ITEF-133(1980) **20**-*546,489* PC **A02**/MF **A01**

**ITEF-134(1983)**
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DE84702547 **01** *502,512* PC **A02**/MF **A01**

**ITEF-136(1983)**
To the Problem of Realization of Vector Fields on Some Manifolds.
DE85700792 **18**-*540,916* PC **A02**/MF **A01**

**ITEF-137(1983)**
Coherent Oscillations of Strip Beams in Periodic Transport Channels.
DE84703267 **09**-*520,244* PC **A02**/MF **A01**

**ITEF-142(1983)**
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DE85700944 **20**-*546,129* PC **A02**/MF **A01**

**ITEF-143(1983)**
Lifetime of K exp - Meson Bubble in a Nuclear Matter and Atomic Nuclei.
DE84703227 **09**-*520,348* PC **A02**/MF **A01**

**ITEF-144(1982)**
Determination of Interaction Point Coordinates and Reaction Angles in a Homogeneous Magnetic Field.
DE84702287 **03**-*507,491* PC **A02**/MF **A01**

**ITEF-145(1983)**
Elementary Particle Physics: New Experimental Data Are Obtained During the Last Year.
DE84703499 **09**-*520,406* PC **A03**/MF **A01**

**ITEF-146(1983)**
VXFIND Program for Processing the Data from the ITEPh 3-M Magnetic Spectrometer.
DE84703306 **12**-*527,475* PC **A02**/MF **A01**

**ITEF-148(1983)**
Cross Section of 70-230 MeV Proton Production in the p + A Yields p + X Reactions at 1-9 GeV/C, pi exp + + A Yields p + X at 1-6 GeV/C and in the pi exp - + A Yields p + X at 1.4 and 5 GeV/C.
DE84702866 **09**-*520,325* PC **A05**/MF **A01**

**ITEF-150(1982)**
MICRO Microprogramming Language for Sectional Microprocessors.
DE84701634 **01**-*501,325* PC **A02**/MF **A01**

**ITEF-151(1982)**
Calculation of Transients in Reactor Accidents. RAISA Code.
DE84701635 **01**-*502,253* PC **A02**/MF **A01**

**ITEF-152(1983)**
Phenomenological Analysis of the p-Even- and p-Odd-Angular Asymmetry of alpha Particles in the sup 10 B(N, alpha ) sup 7 Li Reaction with Thermal Polarized Neutrons.
DE84702288 **03**-*507,492* PC **A02**/MF **A01**

**ITEF-154(1983)**
Experimental Data on the Kaon and Hyperon Interaction inside a Nucleus.
DE84702630 **03**-*507,546* PC **A02**/MF **A01**

**ITEF-157(1983)**
Possibility of Existing of K exp - -Meson Bound State with Lightest Nuclei.
DE85700660 **20**-*546,673* PC **A03**/MF **A01**

**ITEF-160(1983)**
Mass Dependence of the p-Odd-Angular Asymmetry in Nuclear Fission by Thermal Polarized Neutrons.
DE84702289 **03**-*507,493* PC **A02**/MF **A01**

**ITEF-168(1983)**
Data Acquisition System for a Calorimetric Installation.
DE85701119 **23**-*553,834* PC **A03**/MF **A01**

**ITEF-170(1983)**
Dependence of the Actinide Nuclide Buildup on the Coolant Density Height Distribution in the RBMK Core.
DE85701091 **25**-*559,239* PC **A03**/MF **A01**

**ITEF-172(1983)**
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DE84702646 **03**-*507,560* PC **A04**/MF **A01**

**ITEF-174(1983)**
Calibration of an Electron Shower Detector Using a Neutral Beam.
DE85781342 **25**-*559,035* PC **A02**/MF **A01**

**ITEF-175(1983)**
Formation of Ion Charge Spectra of Laser Plasma of Gas Targets.
DE85701894 **25**-*559,706* PC **A02**/MF **A01**

**ITEF-176(1983)**
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DE85701726 **25**-*559,564* PC **A04**/MF **A01**

**ITEF-177(1983)**
Kinetics of Nuclear Reactions and Structure of Detonation Waves at Supernovae Explosions.
DE85700650 **20**-*544,560* PC **A05**/MF **A01**

**ITEF-181(1983)**
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DE84702867 **08**-*517,920* PC **A02**/MF **A01**

**ITEF-183(1983)**
Effective Fragments from the Uranium-233 and Thorium-232 Fission.
DE84703382 **09**-*520,392* PC **A02**/MF **A01**

**ITEF-184(1983)**
Process of Proton Production in Backward Hemisphere.
DE84703383 **09**-*520,393* PC **A02**/MF **A01**

**ITEF-187(1983)**
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DE85700967 **20**-*546,142* PC **A02**/MF **A01**

**ITEF-189(1983)**
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DE85700875 **20**-*546,731* PC **A02**/MF **A01**

**ITEP-2(1983)**
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DE84702451 **01**-*502,503* PC **A02**/MF **A01**

**ITEP-3(1983)**
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DE84702591 **03**-*507,712* PC **A03**/MF **A01**

**ITEP-9(1983)**
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DE85700667 **20**-*546,680* PC **A02**/MF **A01**

**ITEP-14(1983)**
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DE84703319 **09**-*520,354* PC **A02**/MF **A01**

**ITEP-16(1983)**
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DE85700673 **20**-*546,921* PC **A03**/MF **A01**

**ITEP-17(1983)**
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DE84702836 **08**-*517,893* PC **A03**/MF **A01**

**ITEP-21(1983)**
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DE84702173 **02**-*505,077* PC **A02**/MF **A01**

**ITEP-23(1983)**
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DE84702735 **08**-*518,062* PC **A02**/MF **A01**

**ITEP-25(1983)**
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DE85701190 **20**-*546,742* PC **A03**/MF **A01**

**ITEP-28(1983)**
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DE85700843 **18**-*541,805* PC **A03**/MF **A01**

**ITEP-30(1983)**
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DE84702736 **08**-*517,863* PC **A02**/MF **A01**

**ITEP-36(1983)**
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DE85700951 **20**-*546,136* PC **A03**/MF **A01**

**ITEP-39(1983)**
Measurement of Np Elastic Scattering at High Energies and Very Small Momentum Transfers.
DE85701798 **25**-*559,596* PC **A04**/MF **A01**

**ITEP-41(1984)**
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**ITEP-42(1983)**
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**ITEP-42(1984)**
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DE85701547 **24**-*556,939* PC **A03**/MF **A01**

**ITEP-55(1983)**
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DE84702592 **03**-*507,713* PC **A02**/MF **A01**

**ITEP-56(1982)**
Monte Carlo Study of Plaquette Spectral Density.
DE84702174 **02**-*505,078* PC **A02**/MF **A01**

**ITEP-56(1983)**
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**ITEP-59(1982)**
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DE84702432 **01**-*502,487* PC **A03**/MF **A01**

**ITEP-59(1983)**
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DE84703492 **10**-*522,999* PC **A03**/MF **A01**

**ITEP-60(1983)**
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DE85701591 **24**-*556,859* PC **A04**/MF **A01**

**ITEP-61(1983)**
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DE85701183 **20**-*546,737* PC **A02**/MF **A01**

**ITEP-70(1983)**
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DE85701007 **22**-*551,579* PC **A02**/MF **A01**

**ITEP-73(1982)**
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DE84702256 **03**-*507,475* PC **A03**/MF **A01**

**ITEP-73(1983)**
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DE84702055 **02**-*504,998* PC **A02**/MF **A01**

**ITEP-75(1983)**
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DE84703493 **09**-*520,401* PC **A02**/MF **A01**

**ITEP-76(1983)**
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DE85700807 **18**-*541,858* PC **A02**/MF **A01**

**ITEP-77(1983)**
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DE84702056 **02**-*505,066* PC **A02**/MF **A01**

**ITEP-78(1982)**
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DE84702221 **02**-*502,862* PC **A02**/MF **A01**

**ITEP-78(1983)**
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DE84702737 **08**-*518,063* PC **A02**/MF **A01**

**ITEP-80(1983)**
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**ITEP-84(1983)**
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DE85700678 **20**-*546,690* PC **A02**/MF **A01**

**ITEP-89(1983)**
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DE84702593 **03**-*507,532* PC **A02**/MF **A01**

**ITEP-93(1983)**
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DE84702859 **08**-*517,916* PC **A04**/MF **A01**

**ITEP-96(1983)**
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DE84703063 **04**-*510,266* PC **A02**/MF **A01**

**ITEP-97(1983)**
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DE84702235 **03**-*507,456* PC **A02**/MF **A01**

**ITEP-98(1982)**
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DE84702622 **03**-*507,538* PC **A02**/MF **A01**

**ITEP-100(1982)**
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**ITEP-109(1984)**
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**ITEP-110(1983)**
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DE85701771 **25**-*559,571* PC **A02**/MF **A01**

**ITEP-114(1983)**
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**ITEP-126(1983)**
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**ITEP-132(1982)**
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**ITEP-138(1983)**
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DE84702590 **03**-*507,711* PC **A02**/MF **A01**

**ITEP-139(1983)**
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DE84703481 **09**-*520,638* PC **A02**/MF **A01**

**ITEP-140(1983)**
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DE84702731 **08**-*518,060* PC **A04**/MF **A01**

**ITEP-149(1982)**
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DE84702228 **03**-*507,451* PC **A02**/MF **A01**

**ITEP-149(1983)**
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**ITEP-150(1983)**
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DE85700757 **22**-*551,102* PC **A03**/MF **A01**

**ITEP-151(1983)**
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DE85700751 **22**-*551,096* PC **A02**/MF **A01**

**ITEP-158(1982)**
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DE85700758 **22**-*551,103* PC **A02**/MF **A01**

**ITEP-158(1983)**
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DE84702172 **02**-*505,002* PC **A02**/MF **A01**

**ITEP-161(1982)**
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DE84702229 **03**-*507,452* PC **A02**/MF **A01**

**ITEP-161(1983)**
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**ITEP-163(1983)**
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DE85700651 **20**-*544,561* PC **A03**/MF **A01**

**ITEP-164(1982)**
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DE84702431 **01**-*502,486* PC **A02**/MF **A01**

**ITEP-167(1983)**
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DE85700806 **18**-*541,857* PC **A02**/MF **A01**

**ITEP-169(1983)**
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**ITEP-170(1982)**
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DE84702230 **03**-*507,453* PC **A02**/MF **A01**

**ITEP-171(1983)**
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DE85700666 **20**-*546,679* PC **A03**/MF **A01**

**ITEP-179(1983)**
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DE85700793 **18**-*541,846* PC **A03**/MF **A01**

**ITEP-180(1983)**
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DE84702732 **08**-*517,861* PC **A03**/MF **A01**

**ITEP-186(1983)**
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DE84702733 **08**-*518,061* PC **A02**/MF **A01**

**ITEP-188(1983)**
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DE84702734 **08**-*517,862* PC **A02**/MF **A01**

**ITEP-190(1983)**
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**ITF-83-41-R**
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**ITF-83-53-R**
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**ITF-83-63-R**
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**ITF-83-113-R**
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AD-A152 245/7 **13**-*530,290* PC **A02**/MF **A01**

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AD-A152 721/7 **14**-*532,556* PC **A02**/MF **A01**

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AD-A151 469/4 **12**-*527,891* PC **A02**/MF **A01**

**ITOP-4-2-504(2)**
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**ITOP-4-2-601**
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PB85-103810 **01**-*500,775* PC **A02**/MF **A01**

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PB85-247773 **26**-*560,381* PC **A02**/MF **A01**

**IWS-143.17**

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**IWS-143.18**

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**IWS-147.11**

Industrial Hygiene Walk-Through Survey Report of Mobil Chemical Company, Olefins/Aromatics Plant, Beaumont, Texas,
PB85-234367 **25**-*557,722* PC **A02**/MF **A01**

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PB85-239754 **25**-*557,734* PC **A02**/MF **A01**

**IWS-147.13**

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PB85-207801 **19**-*542,677* PC **A02**/MF **A01**

**IWS-147.14**

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PB85-241271 **25**-*557,739* PC **A02**/MF **A01**

**IWS-147.15**

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PB85-207819 **19**-*542,678* PC **A02**/MF **A01**

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PB85-207777 **19**-*542,675* PC **A02**/MF **A01**

**IWS-147.18**

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PB85-234375 **25**-*557,723* PC **A02**/MF **A01**

**IWS-147.19**

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**IWS-153.10**

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**JA-5268**
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**JA-5298**
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**JA-5301**
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**JA-5310**
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**JA-5313**
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**JA-5314**
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AD-A153 743/0 **16**-*536,046* PC **A02**/MF **A01**

**JA-5317**
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**JA-5327**
Output Power and Temperature Dependence of the Linewidth of Single-Frequency cw(GaAl)As Diode Lasers.
AD-A153 723/2 **16**-*536,759* PC **A02**/MF **A01**

**JA-5328**
Stimulated Surface-Plasma-Wave Scattering and Growth of a Periodic Structure in Laser-Photodeposited Metal Films.
AD-A153 722/4 **16**-*536,928* PC **A02**/MF **A01**

**JA-5329**
LPC (Linear Predictive Coding) Synthesis with Simplified Spectrum Flattening of the Excitation Function.
AD-A153 721/6 **16**-*536,503* PC **A02**/MF **A01**

**JA-5330**
Zone-Melting Recrystallization of 3 inch Diameter Si Films on Si02 -coated Si Substrates.
AD-A153 719/0 **16**-*536,718* PC **A02**/MF **A01**

**JA-5335**
Pulse-Pumped Operation of Divalent Transition-Metal Lasers.
AD-A153 718/2 **16**-*536,758* PC **A02**/MF **A01**

**JA-5336**
Laboratory-Scale Mirrors for Submillimeter Wavelengths.
AD-A154 257/0 **17**-*539,343* PC **A02**/MF **A01**

**JA-5337**
Target-Reflectivity Theory for Coherent Laser Radars.
AD-A154 359/4 **17**-*538,815* PC **A02**/MF **A01**

**JA-5341**
Submicrometer-Linewidth Doping and Relief Definition in Silicon by Laser-Controlled Diffusion.
AD-A154 311/5 **17**-*539,464* PC **A02**/MF **A01**

**JA-5342**
Effects of Ionizing Radiation on n-Channel MOSFET's Fabricated in Zone-Melting-Recrystallized Si Films on SiO2.
AD-A154 279/4 **17**-*537,881* PC **A02**/MF **A01**

**JA-5344**
Direct-Write Metallization of Silicon MOSFET's Using Laser Photodeposition.
AD-A154 256/2 **17**-*537,879* PC **A02**/MF **A01**

**JA-5345**
Cavity Dumping and Coupling Modulation of an Etalon-Coupled CO2 Laser.
AD-A154 360/2 **17**-*539,317* PC **A02**/MF **A01**

**JA-5346**
Low-Dislocation-Density GaAs Epilayers Grown on Ge-Coated Si Substrates by Means of Lateral Epitaxial Overgrowth.
AD-A154 282/8 **17**-*539,262* PC **A02**/MF **A01**

**JA-5347**
High-Speed Ultraviolet and X-Ray Sensitive InP Photoconductive Detectors.
AD-A154 312/3 **17**-*538,807* PC **A02**/MF **A01**

**JA-5348**
Low Resistance Laser Formed Lateral Links.
AD-A154 420/4 **17**-*537,983* PC **A02**/MF **A01**

**JA-5349**
Laser Beam Profile Shaping with Interlaced Binary Diffraction Gratings.
AD-A154 419/6 **17**-*539,320* PC **A02**/MF **A01**

**JA-5351**
Small Signal Gain and Saturation Intensity of 00o1 - (10o0, 02o0)I and II Vibrational Band Transitions in Sealed-Off CO2 Isotope Lasers.
AD-A154 451/9 **17**-*539,321* PC **A02**/MF **A01**

**JA-5352**
Graphoepitaxy of Germanium on Gratings with Square-Wave and Sawtooth Profiles.
AD-A154 400/6 **17**-*539,265* PC **A02**/MF **A01**

**JA-5356**
Maximum Likelihood Spectral Estimation and Its Application to Narrow-Band Speech Coding.
AD-A147 582/1 **03**-*506,880* PC **A02**/MF **A01**

**JA-5361**
Limitations of Signal Averaging due to Temporal Correlation in Laser Remote-Sensing Measurements.
AD-A154 253/9 **17**-*538,814* PC **A02**/MF **A01**

**JA-5362**
Analysis of Integrated-Optics Near 3dB Coupler and Mach-Zehnder Interferometric Modulator Using Four-Port Scattering Matrix.
AD-A154 453/5 **17**-*539,345* PC **A02**/MF **A01**

**JA-5363**
Wide-Band Monolithic Acoustoelectric Memory Correlators.
AD-A154 255/4 **17**-*537,980* PC **A02**/MF **A01**

**JA-5364**
Optically Induced Microstructures in Laser-Photodeposited Metal Films.
AD-A154 197/8 **17**-*539,261* PC **A02**/MF **A01**

**JA-5365**
Simultaneous Formation of a Shallow Silicon p-n Junction and a Shallow Silicide Silicon Ohmic Contact by an Ion Implantation Technique.
AD-A154 267/9 **17**-*537,880* PC **A02**/MF **A01**

**JA-5367**
Zone-Melting Recrystallization of Si Films with a Moveable-Strip-Heater Oven.
AD-A154 422/0 **17**-*539,267* PC **A02**/MF **A01**

**JA-5369**
Spatial Light Modulation Using Electroabsorption in a GaAs Charge-Coupled Device.
AD-A154 195/2 **17**-*539,339* PC **A02**/MF **A01**

**JA-5370**
Lateral Epitaxial Overgrowth of FaAs by Organometallic Chemical Vapor Deposition.
AD-A154 389/1 **17**-*539,264* PC **A02**/MF **A01**

**JA-5372**
Microstrip Reactive Circuit Elements.
AD-A147 745/4 **04**-*509,048* PC **A02**/MF **A01**

**JA-5376**
Digital Line-Artifact Removal.
AD-A147 122/6 **02**-*503,809* PC **A02**/MF **A01**

**JA-5377**
Time-Resolved Measurements of Stimulated Surface Polariton Wave Scattering and Grating Formation in Pulsed-Laser-Annealed Germanium.
AD-A154 418/8 **17**-*539,467* PC **A02**/MF **A01**

**JA-5378**
2-Bit 1 Gsamples/s Electrooptic Guided-Wave Analog-to-Digital, Converter.
AD-A147 027/7 **02**-*503,853* Not available NTIS

**JA-5383**
External Cavity Controlled Operation of a Semiconductor Diode Gain Element in Series with an Optical Fiber.
AD-A147 056/6 **02**-*504,882* PC **A02**/MF **A01**

**JA-5384**
Diagrammatic Analysis of Third Order Nonlinear Optical Processes.
AD-A147 511/0 **03**-*507,346* PC **A02**/MF **A01**

**JA-5390**
Transmission Electron Microscopy of GaAs Grown over Submicrometer-Period Tungsten Gratings.
AD-A154 417/0 **17**-*537,886* PC **A02**/MF **A01**

**JA-5395**
A Compact, Flexible LPC Vocoder Based on a Commercial Signal Processing Microcomputer.
AD-A147 600/1 **04**-*509,915* PC **A02**/MF **A01**

**JA-5397**
Multigigahertz-Bandwidth Linear-Frequency-Modulated Filters Using a Superconductive Stripline.
AD-A147 585/4 **03**-*506,220* PC **A02**/MF **A01**

**JA-5399**
Automated Foucault Test for Focus Sensing.
AD-A147 747/0 **04**-*510,223* PC **A02**/MF **A01**

**JA-5400**
Binary Holographic LO Beam Multiplexer for IR Imaging Detector Arrays.
AD-A147 576/3 **03**-*506,905* PC **A02**/MF **A01**

**JA-5405**
Transmission Electron Microscopy of GaAs Permeable Base Transistor Structures Grown by Vapor Phase Epitaxy.
AD-A147 067/3 **02**-*503,767* PC **A02**/MF **A01**

**JA-5407**
SOI/CMOS (Si-On-Insulator/CMOS) Circuits Fabricated in Zone-Melting-Recrystallized Si Films on SiO2-Coated Si Substrates.
AD-A154 206/7 **17**-*537,977* PC **A02**/MF **A01**

**JA-5412**
A Slow Selective Etch for GaInAsP Grown on InP.
AD-A147 796/7 **04**-*510,169* PC **A02**/MF **A01**

**JA-5417**
A Comparison of Etched-Geometry and Overgrown Silicon Permeable Base Transistors by Two-Dimensional Numerical Simulations.
AD-A147 989/8 **04**-*509,052* PC **A02**/MF **A01**

**JA-5418**
Comments on 'Real-Time Speech Coding'.
AD-A147 900/5 **04**-*509,923* PC **A02**/MF **A01**

**JA-5422**
On the Relation between Triangular Matrix Decomposition and Linear Prediction.
AD-A153 149/0 **15**-*534,088* PC **A02**/MF **A01**

**JA-5423**
UV Laser Photopolymerization of Volatile Surface-Adsorbed Methyl Methacrylate.
AD-A147 899/9 **04**-*508,873* PC **A02**/MF **A01**

**JA-5425**
Properties of Separable Matrices and Their Associated Gaussian Random Processes.
AD-A150 631/0 **10**-*522,204* PC **A02**/MF **A01**

**JA-5431**
Broadband Guided-Wave Optical Frequency Translator Using an Electro-Optical Bragg Array.
AD-A147 803/1 **04**-*510,224* PC **A02**/MF **A01**

**JA-5433**
Laser-Formed Connections Using Polyimide.
AD-A147 988/0 **04**-*509,051* PC **A02**/MF **A01**

**JA-5434**
Real Time Monitoring of CW Mode-Locked Dye Laser Pulses Using a Rapid-Scanning Autocorrelator.
AD-A147 991/4 **04**-*510,210* PC **A02**/MF **A01**

**JA-5435**
Developing a Technology Base for Advanced Devices and Circuits.
AD-A147 937/7 **04**-*509,173* PC **A02**/MF **A01**

**JA-5436**
Diffusion Length of Holes in n-InP
AD-A147 806/4 **04**-*510,376* PC **A02**/MF **A01**

**JA-5437**
Three-Guide Optical Couplers in GaAs.
AD-A147 904/7 **04**-*510,226* PC **A02**/MF **A01**

**JA-5438**
Electron-Beam Programmable 128K-Bit Wafer-Scale EPROM )Erasable Progammable Read-Only Memory.
AD-A147 805/6 **04**-*509,080* PC **A02**/MF **A01**

**JA-5439**
Integrated Optics Wave Front Measurement Sensor.
AD-A147 057/4 **02**-*504,898* PC **A02**/MF **A01**

**JA-5444**
Damage Induced in Si by Ion Milling or Reactive Ion Etching.
AD-A147 162/2 **02**-*503,768* PC **A02**/MF **A01**

**JA-5445**
Fourier Transformation Using an Electroabsorptive CCD Spatial Light Modulator.
AD-A147 935/1 **04**-*510,227* PC **A02**/MF **A01**

**JA-5447**
An Investigation of GaAs Films Grown by MBE (Molecular Beam Epitaxy) at Low Substrate Temperatures and Growth Rates.
AD-A147 350/3 **03**-*507,259* PC **A02**/MF **A01**

**JA-5452**
Optimal Searches for Asteroids.
AD-A153 005/4 **15**-*532,960* PC **A02**/MF **A01**

**JA-5453**
2-Bit 1-Gsamples/s Electro-Optic Guided-Wave Analogue-to-Digital Converter System.
AD-A147 821/3 **04**-*509,171* PC **A02**/MF **A01**

**JA-5454**
An Overview of Packet-Switching Communications.
AD-A147 934/4 **04**-*509,925* PC **A02**/MF **A01**

**JA-5456**
LPE (Liquid Phase Epitaxial) Growth and Characterization of InP Photodiodes.
AD-A152 851/2 **15**-*534,729* PC **A02**/MF **A01**

**JA-5464**
Image Enhancement for the Visually Impaired.
AD-A153 019/5 **15**-*533,430* PC **A02**/MF **A01**

**JA-5465**
Electron Devices on Piezoelectric Semiconductors: A Device Model.
AD-A154 215/8 **17**-*537,877* PC **A02**/MF **A01**

**JA-5466**
Enhanced Raman Scattering from Silicon Microstructures.
AD-A147 819/7 **04**-*510,225* PC **A02**/MF **A01**

**JA-5468**
Effect of Nitridation of Silicon Dioxide on Its Infrared Spectrum.
AD-A153 260/5 **15**-*533,533* PC **A02**/MF **A01**

**JA-5469**
Comparison of Guided-Wave Interferometric Modulators Fabrication on LiNb03 via Ti Indiffusion and Proton Exchange.
AD-A147 797/5 **04**-*509,168* PC **A02**/MF **A01**

**JA-5471**
Signal Convexity and Noise Convexity of the Chernoff and Divergence Distances.
AD-A155 051/6 **18**-*540,651* PC **A02**/MF **A01**

**JA-5473**
Impact Ionization in (100)-, (110)-, and (111)-Oriented InP Avalanche Photodiodes.
AD-A147 804/9 **04**-*509,049* PC **A02**/MF **A01**

**JA-5475**
Graphite-Strip-Heater Zone-Melting Recrystallization of Si Films.
AD-A147 189/5 **02**-*504,850* PC **A03**/MF **A01**

**JA-5476**
Analysis of an EHF Aplanatic Zoned Dielectric Lens Antenna.
AD-A147 584/7 **03**-*506,219* PC **A02**/MF **A01**

**JA-5478**
Surface Photoacoustic Wave Spectroscopy of Thin Films.
AD-A147 089/7 **02**-*505,096* PC **A02**/MF **A01**

**JA-5479**
Self-Developing Resist with Submicrometer Resolution and Processing Stability.
AD-A147 088/9 **02**-*504,393* PC **A02**/MF **A01**

**JA-5480**
Dual Ion Implantation Technique for Formation of Shallow p(+)/n Junctions in Silicon.
AD-A147 048/3 **02**-*505,092* PC **A02**/MF **A01**

**JA-5481**
Assessment of Relative Error Sources in IR DIAL (Differential Absorption Lidar) Measurement Accuracy.
AD-A147 024/4 **02**-*504,571* PC **A02**/MF **A01**

**JA-5482**
A Technique for the Determination of Stress in Thin Films.
AD-A147 029/3 **02**-*505,091* PC **A02**/MF **A01**

**JA-5484**
Laser-Controlled Chemical Etching of Aluminum.
AD-A147 070/7 **02**-*504,392* PC **A02**/MF **A01**

**JA-5488**
Experience with Speech Communication in Packet Networks.
AD-A147 058/2 **02**-*504,562* PC **A02**/MF **A01**

**JA-5490**
Fully Isolated Lateral Bipolar-MOS Transistors Fabricated in Zone-Melting-Recrystallized Si Films on SiO2.
AD-A147 020/2 **02**-*503,764* PC **A02**/MF **A01**

**JA-5492**
Local-Oscillator Excess-Noise Suppression for Homodyne and Heterodyne Detection.
AD-A147 019/4 **02**-*504,896* PC **A02**/MF **A01**

**JA-5495**
Use of Plasma-Deposited Si3N4 as an Oxidation Mask in the Fabrication of GaAs Shallow-Homojunction Solar Cells.
AD-A154 268/7 **17**-*538,108* PC **A02**/MF **A01**

**JA-5496**
Self-Developing UV Photoresist Using Excimer Laser Exposure.
AD-A153 003/9 **15**-*534,254* PC **A02**/MF **A01**

**JA-5499**
A CCD Time-Integrating Correlator.
AD-A152 946/0 **15**-*533,863* PC **A02**/MF **A01**

**JA-5500**
A Review of Laser-Microchemical Processing.
AD-A147 054/1 **02**-*503,515* PC **A02**/MF **A01**

**JA-5502**
Generalized Analysis of Pressure Induced Nonlinear Optical Processes.
AD-A152 844/7 **15**-*534,779* PC **A02**/MF **A01**

**JA-5503**
Optical Heterodyne Spectroscopy with Frequency- and Amplitude-Modulated Semiconductor Lasers.
AD-A153 054/2 **15**-*534,785* PC **A02**/MF **A01**

**JA-5504**
A High Speed Digitally Programmable CCD Transversal Filter.
AD-A152 850/4 **15**-*533,862* PC **A02**/MF **A01**

**JA-5509**
Optimal Design of Amorphous Single-Junction and Tandem Solar Cells.
AD-A147 933/6 **04**-*509,281* PC **A02**/MF **A01**

**JA-5512**
Effects of Dry Etching on GaAs.
AD-A147 807/2 **04**-*510,377* PC **A02**/MF **A01**

**JA-5514**
Low-Loss GaInAsP Buried-Heterostructure Optical Waveguide Branches and Bends.
AD-A153 103/7 **15**-*534,789* PC **A02**/MF **A01**

**JA-5515**
Silicon Nitride Stencil Masks for High Resolution Ion Lithography Proximity Printing.
AD-A147 902/1 **04**-*509,762* PC **A02**/MF **A01**

**JA-5517**
Nitrocellulose as a Self-Developing Resist with Submicrometer Resolution and Processing Stability.
AD-A147 936/9 **04**-*509,763* PC **A02**/MF **A01**

**JA-5518**
Zone-Melting Recrystallization of Si Films on SiO2.
AD-A158 743/5 **25**-*559,390* PC **A03**/MF **A01**

**JA-5520**
Large Area Ion Beam Assisted Etching of GaAs with High Etch Rates and Controlled Anisotropy.
AD-A147 828/8 **04**-*510,378* PC **A02**/MF **A01**

**JA-5522**
Broad-Band Guided-Wave Electrooptic Modulators.
AD-A154 198/6 **17**-*539,340* PC **A02**/MF **A01**

**JA-5525**
A Compact Q-/K-Band Dual Frequency Feed Horn.
AD-A154 214/1 **17**-*537,978* PC **A02**/MF **A01**

**JA-5526**
A Simple Method for Sampling In-Phase and Quadrature Components.
AD-A158 746/8 **25**-*558,241* PC **A02**/MF **A01**

**JA-5528**
Optimal Design of Amorphous/Crystalline Tandem Cells.
AD-A153 155/7 **15**-*533,928* PC **A02**/MF **A01**

**JA-5534**
Structural Characterization by Transmission Electron Microscopy of Silicon Grown Over Submicrometer-Period Gratings of Deposited Tungsten.
AD-A147 820/5 **04**-*510,170* PC **A02**/MF **A01**

**JA-5535**
Topographic Imperfections in Zone Melting Recrystallized Si Films.
AD-A151 482/7 **12**-*527,899* PC **A02**/MF **A01**

**JA-5539**
Nonreciprocal Laser-Microchemical Processing. Spatial Resolution Limits and Demonstration of 0.2 micrometers Linewidths.
AD-A147 903/9 **04**-*508,740* PC **A02**/MF **A01**

**JA-5542**
Heterodyne Radiometry Measurements of the 557 GHz H2O Rotational Line.
AD-A147 785/0 **04**-*508,732* PC **A02**/MF **A01**

**JA-5543**
Exciton Transport in Optically Excited Al(x)Ga(1-x)As-GaAs Single Quantum Well.
AD-A154 452/7 **17**-*539,468* PC **A02**/MF **A01**

**JA-5546**
Efficient AlGaAs Shallow-Homojunction Solar Cells.
AD-A152 866/0 **15**-*533,878* PC **A02**/MF **A01**

**JA-5550**
Mode-Locked Operation of Co:MgF2 and Ni:MgF2 Lasers.
AD-A147 794/2 **04**-*510,209* PC **A02**/MF **A01**

**JA-5551**
Lasers, Their Development, and Applications at M.I.T. (Massachusetts Institute of Technology) Lincoln Laboratory.
AD-A154 266/1 **17**-*539,316* PC **A02**/MF **A01**

**JA-5553**
Linewidth Measurements of a (GaAl)As Diode Laser with a High Reflectivity Coating.
AD-A153 184/7 **15**-*534,770* PC **A02**/MF **A01**

**JA-5554**
Comments on 'The Singular Integral Problem in Surfaces'.
AD-A154 454/3 **17**-*539,283* PC **A02**/MF **A01**

**JA-5557**
Spatial-Resolution Limits of Laser Patterning: Submicrometer Projection Microchemistry.
AD-A149 325/3 **08**-*516,347* PC **A02**/MF **A01**

**JA-5559**
Passive Ti:LiNbO3 Channel Waveguide TE-TM Mode Splitter.
AD-A152 852/0 **15**-*533,769* PC **A02**/MF **A01**

GaAs MESFET's Fabricated on Monolithic GaAs/Si Substrates.
AD-A154 280/2 **17**-*537,882* PC **A02**/MF **A01**

**JA-5560**
Molecular Beam Epitaxy of GaAs and AlGaAs on Si.
AD-A147 400/6 **03**-*507,260* PC **A02**/MF **A01**

**JA-5561**
A Self-Aligned Dual-Grating GaAs Permeable Base Transistor.
AD-A147 252/1 **03**-*506,053* PC **A02**/MF **A01**

**JA-5564**
Signal Correlation Using a One-Dimensional Electroabsorptive CCD (Charge-Coupled Device) Spatial Light Modulator.
AD-A153 024/5 **15**-*533,864* PC **A02**/MF **A01**

**JA-5565**
Amplitude Distribution of Composite Terrain Radar Clutter and the K-Distribution.
AD-A154 265/3 **17**-*538,818* PC **A02**/MF **A01**

**JA-5566**
GaAlAs Semiconductor Diode Laser 4-ary Frequency Shift Key Modulation at 100 Mbit/s.
AD-A151 587/3 **12**-*527,648* PC **A02**/MF **A01**

**JA-5569**
The Future of High Efficiency Solar Cells.
AD-A154 373/5 **17**-*538,109* PC **A02**/MF **A01**

**JA-5570**
Annealing of Damage in Se(+)-Implanted Indium Phosphide.
AD-A147 972/4 **04**-*510,381* PC **A02**/MF **A01**

**JA-5571**
Laser Microchemical Techniques for Reversible Restructuring of Gate-Array Prototype Circuits.
AD-A153 146/6 **15**-*533,867* PC **A02**/MF **A01**

**JA-5575**
The Effect of Base-Schottky Geometry on Si PBT (Permeable Base Transistor) Device Performance.
AD-A154 281/0 **17**-*537,883* PC **A02**/MF **A01**

**JA-5578**
Patterned Photonucleation of Chemical Vapor Deposition Al by UV-Laser Photodeposition.
AD-A146 896/6 **02**-*503,622* PC **A02**/MF **A01**

**JA-5582**
Triple Ion Implantation Technique for Formation of Shallow npn Bipolar Transistor Structures in Silicon.
AD-A147 995/5 **04**-*509,053* PC **A02**/MF **A01**

**JA-5584**
UV-Laser Photodeposition from Surface-Adsorbed Mixtures of Trimethylaluminum and Titanium Tetrachloride.
AD-A149 326/1 **08**-*516,375* PC **A02**/MF **A01**

**JA-5585**
Wide-Band Electrooptic Guided-Wave Analog-to-Digital Converters.
AD-A153 183/9 **15**-*533,809* PC **A02**/MF **A01**

**JA-5586**
Developments in Radar Imaging.
AD-A151 533/7 **12**-*527,676* PC **A03**/MF **A01**

**JA-5587**
Spectral Characteristics of (GaAl)As Diode Lasers at 1.7 K.
AD-A147 193/7 **03**-*507,319* PC **A02**/MF **A01**

**JA-5589**
High Efficiency Binary Lenses.
AD-A156 614/0 **22**-*551,323* PC **A02**/MF **A01**

**JA-5590**
Low Threshold GaInAsP/InP Buried-Heterostructure Lasers with a Chemically Etched and Mass-Transported Mirror.
AD-A147 996/3 **04**-*510,212* PC **A02**/MF **A01**

**JA-5593**
Unified Multiple-Beam Uplink Configuration for EHF (Extremely High Frequency) Satellite Communications.
AD-A151 762/2 **13**-*529,919* PC **A02**/MF **A01**

**JA-5600**
Coupling between Successive Ti:LiNbO3 Waveguide Bends and Branches.
AD-A148 146/4 **04**-*510,229* PC **A02**/MF **A01**

**JA-5601**
Q Switching of Low-Threshold Buried-Heterostructure Diode Lasers at 10 GHz.
AD-A147 401/4 **03**-*507,321* PC **A02**/MF **A01**

**JA-5602**
On Initial Orbit Determination.
AD-A146 912/1 **02**-*505,247* PC **A02**/MF **A01**

**JA-5607**
High Frequency Heterodyne Spectroscopy with Current-Modulated Diode Lasers.
AD-A150 628/6 **10**-*522,967* PC **A02**/MF **A01**

**JA-5610**
Submicrometer Patterning by Projected Excimer-Laser-Beam Induced Chemistry.
AD-A151 483/5 **12**-*526,653* PC **A02**/MF **A01**

**JA-5612**
Effects of Ionizing Radiation on SOI/CMOS Devices Fabricated in Zone-Melting-Recrystallized Si Films on SiO2.
AD-A146 975/8 **02**-*503,763* PC **A02**/MF **A01**

**JA-5614**
Low-Loss Multiple-Branching Circuit in Ti-Indiffused LiNbO3 Channel Waveguides.
AD-A154 254/7 **17**-*539,342* PC **A02**/MF **A01**

**JA-5616**
Frequency-Agile Electro-Optically Q-Switched CO2 Laser for DIAL (Differential Absorption Lidar) Measurements.
AD-A150 587/4 **10**-*522,965* PC **A02**/MF **A01**

**JA-5618**
AlGaAs Double-Heterostructure Diode Lasers Fabricated on a Monolithic GaAs/Si Substrate.
AD-A147 320/6 **03**-*507,320* PC **A02**/MF **A01**

**JA-5622**
Oxygen in Zone-Melting-Recrystallized Silicon-on-Insulator Films: its Distribution and Possible Role in Sub-Boundary Formation.
AD-A155 087/0 **18**-*541,653* PC **A02**/MF **A01**

**JA-5623**
Advances in LEC (Liquid-Encapsulated Czochralski) Growth of InP Crystals.
AD-A153 739/8 **16**-*536,720* PC **A02**/MF **A01**

**JA-5627**
Picosecond Gain Measurements in a GaAlAs Diode Laser.
AD-A147 993/0 **04**-*510,211* PC **A02**/MF **A01**

**JA-5635**
Traveling-Wave Electro-Optic Modulator with Maximum Bandwidth-Length Product.
AD-A150 629/4 **10**-*522,976* PC **A02**/MF **A01**

**JA-5636**
'Thermal Fixing' of Ti-Indiffused LiNbO3 Channel Waveguides for Reduced Photorefractive Susceptibility.
AD-A147 195/2 **03**-*507,336* PC **A02**/MF **A01**

**JA-5637**
Optical Guided-Wave Gallium Arsenide Monolithic Interferometer.
AD-A147 251/3 **03**-*507,338* PC **A02**/MF **A01**

**JA-5644**
Use of Spatial Time-Division Repetition Rate Multiplication of Mode-Locked Laser Pulses to Generate Microwave Radiation from Optoelectronic Switches
AD-A147 129/1 **02**-*504,465* PC **A02**/MF **A01**

**JA-5648**
A High-Frequency GaAs Optical Guided-Wave Electrooptic Interferometric Modulator.
AD-A158 583/5 **25**-*559,433* PC **A02**/MF **A01**

**JA-5651**
Detrimental Optical Properties of Germanium Intermediate Layers in Monolithic Tandem Solar Cell Structures.
AD-A158 747/6 **25**-*558,131* PC **A02**/MF **A01**

**JA-5653**
Comparison of Laser-Initiated and Thermal Chemical Vapor Deposition of Tungsten Films.
AD-A147 402/2 **03**-*507,261* PC **A02**/MF **A01**

**JA-5656**
Metal-Semiconductor Field-Effect Transistors Fabricated in GaAs Layers Grown Directly on Si Substrates by Molecular Beam Epitaxy.
AD-A149 001/0 **07**-*514,782* PC **A02**/MF **A01**

**JA-5660**
Masked Ion Beam Resist Esposure Using Grid Support Stencil Masks.
AD-A151 586/5 **12**-*527,403* PC **A02**/MF **A01**

**JA-5661**
Repair of X-Ray Lithography Masks Using UV-Laser Photodeposition.
AD-A151 522/0 **12**-*527,400* PC **A02**/MF **A01**

**JA-5664**
Ion-Beam-Assisted Etching of Diamond.
AD-A151 426/4 **12**-*527,398* PC **A02**/MF **A01**

**JA-5665**
Error Reduction in Laser Remote Sensing: Combined Effects of Cross Correlation and Signal Averaging.
AD-A153 153/2 **15**-*534,500* PC **A02**/MF **A01**

**JA-5666**
Effect of Ion Species and Adsorbed Gas on Dry Etching Induced Damage in GaAs.
AD-A151 585/7 **12**-*528,085* PC **A02**/MF **A01**

**JA-5671**
Selective Tungsten Silicide Formation by Ion-Beam Mixing and Rapid Thermal Annealing.
AD-A153 728/1 **16**-*536,327* PC **A02**/MF **A01**

**JA-5676**
Quantum Well Oscillators.
AD-A150 698/9 **11**-*524,288* PC **A02**/MF **A01**

**JA-5680**
UV Laser Photodeposition of Patterned Catalyst Films from Adsorbate Mixtures.
AD-A151 435/5 **12**-*526,722* PC **A02**/MF **A01**

**JA-5684**
High-Field Electron Capture and Emission in Nitrided Oxides.
AD-A153 725/7 **16**-*536,929* PC **A02**/MF **A01**

**JA-5687**
High Resistivity InGaAs(Fe) Grown by a Liquid Phase Epitaxial Substrate-Transfer Technique.
AD-A150 697/1 **11**-*525,595* PC **A02**/MF **A01**

**JA-5688**
Lateral Photodetectors on Semi-Insulating InGaAs and InP.
AD-A151 584/0 **12**-*526,876* PC **A02**/MF **A01**

**JA-5695**
Summary Abstract: Laser-Microchemical Reactions for Maskless Device Processing: Surface Modifications for Selected-Area Growth.
AD-A156 612/4 **22**-*550,747* PC **A02**/MF **A01**

**JA-5696**
Surface-Emitting GaInAsP/InP Laser with Low Threshold Current and High Efficiency.
AD-A151 425/6 **12**-*527,932* PC **A02**/MF **A01**

**JA-5701**
Planar GaAs p-i-n Photodiode with Picosecond Time Response.
AD-A151 433/0 **12**-*526,872* PC **A02**/MF **A01**

**JA-5703**
A Novel GaInAsP/InP Distributed Feedback Laser.
AD-A151 583/2 **12**-*527,937* PC **A02**/MF **A01**

**JA-5711**
High-Density Excitonic State in Two-Dimensional Multiple Quantum Wells.
AD-A158 748/4 **25**-*559,790* PC **A02**/MF **A01**

**JA-5714**
The Constitution of Nitrided Oxides and Reoxidized Nitrided Oxides on Silicon.
AD-A157 950/7 **24**-*557,010* PC **A02**/MF **A01**

**JA-5719**
Equalisation of Semiconductor Diode Laser Frequency Modulation with a Passive Network.
AD-A156 615/7 **22**-*551,304* PC **A02**/MF **A01**

**JA-5722**
Wide-Bandwidth Guided-Wave Electro-Optic Intensity Modulator at Lambda = 3.39 Micrometers.
AD-A155 411/2 **19**-*544,032* PC **A02**/MF **A01**

**JA-5731**
Persistent Photoconductivity in Quantum Well Resonators.
AD-A156 611/6 **22**-*551,758* PC **A02**/MF **A01**

**JA-5732**
Holographic-Grating Acoustic Devices.
AD-A156 613/2 **22**-*551,235* PC **A02**/MF **A01**

**JA-5741**
Laser Linewidth.
AD-A157 970/5 **24**-*556,659* PC **A02**/MF **A01**

**JA-5750**
Laser Photochemical Fabrication of Phase-Controlled 160-nm Period Gratings by Stimulated Second-Order Surface Plasma-Wave Scattering.
AD-A158 742/7 **25**-*559,437* PC **A02**/MF **A01**

**JA-5764**
Submillimeter-Wave Heterodyne Spectroscopy with a Compact Solid State Radiometer.
AD-A158 584/3 **25**-*558,786* PC **A02**/MF **A01**

**JACKFAU-84-304**
Effects of the 1981 and 1982 Tax Acts for Small and Large Firms.
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Economies of Scale in Regulatory Compliance: Evidence of the Differential Impacts of Regulation by Firm Size.
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**JAERI-M-82-200**
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**JAERI-M-82-204**
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**JAERI-M-82-210**
Software for the Spectrum Plotter for the JAERI (Japan Atomic Energy Research Institute) Tandem Data Analyzing System.
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**JAERI-M-82-216**
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DE84702076 **03**-*506,947* PC **A04**/MF **A01**

**JAERI-M-82-218**
Vectorization of Nuclear Codes for Atmospheric Transport and Exposure Calculation of Radioactive Materials.
DE84703588 **10**-*522,717* PC **A03**/MF **A01**

**JAERI-M-82-219**
Computer Code COARA by Particle-In-Cell Model for Atmospheric Diffusion of Gaseous Waste.
DE84703524 **09**-*520,053* PC **A04**/MF **A01**

**JAERI-M-83-002**
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**JAERI-M-83-009**
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**JAERI-M-83-010**
SHOCK-JR: A Computer Program to Analyze Impact Response of Shipping Container.
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**JAERI-M-83-016**
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DE84702102 **03**-*507,445* PC **A03**/MF **A01**

**JAERI-M-83-017**
Preparatory Evaluation on Heat and Particle Loads, Helium Pumping, and Limiter Material for INTOR Pumped Limiter.
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**JAERI-M-83-018**
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DE84703540 **10**-*522,763* PC **A03**/MF **A01**

**JAERI-M-83-022**
Droplets Flow and Heat Transfer at Top Region of Core in Reflood Phase.
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**JAERI-M-83-028**
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**JAERI-M-83-032**
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Rupture Disc Opening Property for Using Pipe Rupture Test in JAERI (Japan Atomic Energy Research Institute).
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**JAERI-M-83-037**
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DE84703591 **10**-*522,656* PC **A06**/MF **A01**

**JAERI-M-83-039**
Fabrication and Performance Tests of NSRR High-Temperature High-Pressure Loop.
DE84702143 **02**-*504,811* PC **A06**/MF **A01**

**JAERI-M-83-040**
Thermal and Mechanical Effects of the High-Level Radioactive Waste on the Rock Mass for a Repository.
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System Description for ROSA-IV Two-Phase Flow Test Facility (TPTF).
DE84703550 **16**-*536,651* PC **A06**/MF **A01**

**JAERI-M-83-043**
Experiment Data of ROSA-III Integral Test Run 7341. Single Failure Series Test No. 4; Full ECCS.
DE84703543 **10**-*522,766* PC **A08**/MF **A01**

**JAERI-M-83-045**
Conversion Program from THYDE-P1 Output Data to SPL Format Data Base.
DE84702159 **03**-*507,132* PC **A03**/MF **A01**

**JAERI-M-83-046**
Examination of Similarity Between ROSA-III and BWR/6 During a Large Break LOCA.
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**JAERI-M-83-047**
Calculation of Criticality Parameters for Uranium and/or Plutonium Nitrate Solutions, 1. Evaluation of Density and Atomic Number Density of the Solutions.
DE84702111 **03**-*507,014* PC **A04**/MF **A01**

**JAERI-M-83-048**
Abnormal Transient Analysis by Using PWR Plant Simulator, 1. Primary Coolant System Analysis.
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**JAERI-M-83-051**
Statistical Approach to Defective SiC Fraction of Coated Fuel Particles.
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Analysis of Behavior on Solution and Diffusion of Hydrogen in Iron.
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JMTR (Japan Materials Testing Reactor) Irradiation Handbook.
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**JAERI-M-83-055**
Analysis of Bowing of Irradiated OGL-1 Fuel Rod.
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**JAERI-M-83-056**
User Input Manual for Single Fuel Rod Behaviour Analysis Code FEMAXI-III.
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Shell Model Calculation of alpha-Formation Factor for Use in Pre-Equilibrium alpha Emission.
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**JAERI-M-83-058**
First Wall Erosion During a Plasma Disruption in Tokamak.
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**JAERI-M-83-059**
Optimum Configuration and Operation Regime of Pumped Limiter in INTOR.
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**JAERI-M-83-060**
Radiation Resistance of Aromatic Oils with improving pour Point.
DE84703246 **10**-*522,157* PC **A03**/MF **A01**

**JAERI-M-83-061**
Calculation of Absolute Fission-Rate Distributions Measured in Graphite Reflected Lithium Oxide Blanket Assembly.
DE84703238 **10**-*522,602* PC **A03**/MF **A01**

**JAERI-M-83-062**
Time-Pickoff Techniques for an Extremely Low-Background Anticoincidence Spectrometer.
DE84703578 **11**-*525,020* PC **A04**/MF **A01**

**JAERI-M-83-063**
Evaluation of Low Temperature IGSCC of Type 304 Stainless Steel in Oxygenated Pure Water.
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**JAERI-M-83-064**
Effect of Electron Beam Irradiation on Thermoresistant Polymers Containing Aromatic Rings.
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**JAERI-M-83-065**
Evaluation Report on CCTF Core-I Reflood Tests CI-16 (Run 25), CI-21 (Run 40) and CI-22 (Run 41). Comparison of Results Between FLECHT Coupling Tests and FLECHT-SET Tests.
DE84703552 **10**-*522,773* PC **A06**/MF **A01**

**JAERI-M-83-066**
Code System for Fast Reactor Neutronics Analysis.
DE84703592 **10**-*522,887* PC **A05**/MF **A01**

**JAERI-M-83-067**
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**JAERI-M-83-068**
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**JAERI-M-83-069**
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**JAERI-M-83-070**
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**JAERI-M-83-071**
Report of Meteorological Observations on the Site of Tokai Research Establishment from 1979 to 1981.
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**JAERI-M-83-072**
Swelling Behavior of gamma -Ray Irradiated Elastomers in Boiling Spray Solution.
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**JAERI-M-83-074**
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DE84703584 **10**-*522,859* PC **A05**/MF **A01**

**JAERI-M-83-075**
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**JAERI-M-83-076**
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**JAERI-M-83-077**
Mechanical Strength Evaluation of the Formed Bellows for the Ports of the JT-60 Vacuum Vessel.
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**JAERI-M-83-078**
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**JAERI-M-83-079**
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**JAERI-M-83-080**
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**JAERI-M-83-081**
Abnormal Transient Analysis by Using PWR Plant Simulator, (2). Secondary System Analysis.
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**JAERI-M-83-082**
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**JAERI-M-83-083**
Multi-Rod Burst Test under a Loss of Coolant Accident Condition, (4). Experimental Result of the No. 7808 Bundle.
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**JAERI-M-83-084**
Atmospheric Dispersion Model by DPRW (Discrete Parcel Random Walk) Method.
DE84703253 **09**-*520,051* PC **A03**/MF **A01**

**JAERI-M-83-085**
Positional Instability Analysis of Tokamak Plasmas by ERATO.
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**JAERI-M-83-086**
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DE84703514 **10**-*522,850* PC **A06**/MF **A01**

**JAERI-M-83-087**
Experimental Studies on Scattered Particle Phenomena During in-Situcoating Process.
DE84703209 **10**-*522,593* PC **A02**/MF **A01**

**JAERI-M-83-088**
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**JAERI-M-83-090**
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**JAERI-M-83-093**
Development of an Apparatus for Cyclic Corrosion Test in Simulated VHTR Helium Environment.
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**JAERI-M-83-096**
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**JAERI-M-83-097**
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DE84703289 **11**-*525,217* PC **A03**/MF **A01**

**JAERI-M-83-098**
Dose Evaluation Method for the Main Steam Pipe Rupture Accident by Puff and Particle-Diffusion Models.
DE84703257 **11**-*525,177* PC **A02**/MF **A01**

**JAERI-M-83-099**
Evaluation of Heat Loadings to the Arc Chamber.
DE84703487 **10**-*522,605* PC **A03**/MF **A01**

**JAERI-M-83-100**
Measurement of Reactivity Effect for Iron Plate Reflector in Light-Water Moderated Low Enriched UO sub 2 Lattices.
DE84703533 **11**-*525,296* PC **A02**/MF **A01**

**JAERI-M-83-101**
Full-Scale Mark II Containment Response Test Program Test Facility Modifications.
DE84703545 **11**-*525,049* PC **A06**/MF **A01**

**JAERI-M-83-102**
Design of the Foundation Components for the JT-60 Tokamak Machine.
DE84703205 **10**-*522,589* PC **A04**/MF **A01**

**JAERI-M-83-103**
Assessment of Core Thermo-Hydrodynamic Models of REFLA-1D with CCTF Data.
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**JAERI-M-83-104**
High Temperature Irradiation Facilities in JMTR for VHTR Fuel Development.
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**JAERI-M-83-105**
Examination of TMI Accident Simulation Test at LSTF in ROSA-IV Program.
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**JAERI-M-83-106**
Role of the Second Grid in Japan's Energy Strategy.
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**JAERI-M-83-107**
Effect of Temperature on Corrosion of Hastelloy XR Exposed to Simulated VHTR Environments.
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**JAERI-M-83-108**
Corrosion Behavior of New Superalloys Developed for Intermediate Heat Exchanger During Exposure in Simulated VHTR Environment under Thermal Cycling.
DE84703511 **10**-*522,848* PC **A02**/MF **A01**

**JAERI-M-83-109**
Phase Distortion by Concave Lens Effect for FIR Interferometry.
DE84703486 **10**-*523,061* PC **A02**/MF **A01**

**JAERI-M-83-110**
Preparation of Deuterium Target and Determination of Deuterium in the Target.
DE84703509 **10**-*523,000* PC **A02**/MF **A01**

**JAERI-M-83-111**
Surface Temperature and Surface Heat Flux Determination of the Inverse Heat Conduction Problem for a Slab.
DE84703529 **10**-*523,114* PC **A06**/MF **A01**

**JAERI-M-83-112**
Materials and Methods for Attaining to Low Outgassing Rates Without High Temperature Bakeout (A Survey Report).
DE84703489 **10**-*522,607* PC **A02**/MF **A01**

**JAERI-M-83-113**
Computer Code Which Calculates Three Dimensional Mass Consistent Wind Field.
DE84703307 **12**-*527,810* PC **A03**/MF **A01**

**JAERI-M-83-114**
Effect of Upper Plenum Water Accumuration on Reflooding Phenomena under Forced-Feed Flooding in SCTF Core-I Tests.
DE84703558 **10**-*522,779* PC **A07**/MF **A01**

**JAERI-M-83-115**
Evaluation Report on CCTF Core-I Reflood Tests CI-18 (Run 37) and CI-8 (Run 17). Investigation of the Effect of Water Remaining in the Loop Seal Section on Reflood Behavior.
DE84703559 **10**-*522,780* PC **A06**/MF **A01**

**JAERI-M-83-116**
Proposal of Steam Table Including Metastable States.
DE84703530 **10**-*523,115* PC **A04**/MF **A01**

**JAERI-M-83-117**
Effects of Thermal Neutron Irradiation on Ductility of Austenitic Heat Resisting Alloys for HTR Application.
DE84703515 **10**-*522,851* PC **A02**/MF **A01**

**JAERI-M-83-118**
Influence of Mn Content on Corrosion Behavior of Ni-Cr-W Alloys in Simulated VHTR Helium Environment.
DE84703512 **10**-*522,849* PC **A02**/MF **A01**

**JAERI-M-83-119**
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DE85701605 **25**-*558,490* PC **A03**/MF **A01**

**JAERI-M-83-120**
Conceptual Design of Swimming Pool Type Tokamak Power Reactor (SPTR-P).
DE85700228 **11**-*524,996* PC **A23**/MF **A01**

**JAERI-M-83-121**
Evaluation Report on CCTF CORE-I REFLOOD TEST CI-4 (Run 13) and CI-15 (Run 24). Investigation of the Refill Simulation and the Nitrogen Injection Effects.
DE84703560 **10**-*522,781* PC **A06**/MF **A01**

**JAERI-M-83-122**
Effects of Core Inlet Water Subcooling on Reflooding Phenomena. SCTF Core-I Forced Feed Flooding Tests.
DE84703561 **10**-*522,782* PC **A05**/MF **A01**

**JAERI-M-83-123**
Economic Evaluation of Laser Enrichment Plant.
DE84703303 **12**-*527,703* PC **A05**/MF **A01**

**JAERI-M-83-124**
Laser Spectroscopy of U and UF sub 6.
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**JAERI-M-83-125**
Evaluation of Structural Reliability for Vacuum Vessel under External Pressure and Electromagnetic Force.
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**JAERI-M-83-126**
Irradiation Effect on the Reaction of Mixture of Carbon Monoxide and Hydrogen, (3). Radiation Chemical Reaction at Elevated Pressure under Gas Circulation.
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Evaluation of the Error for Electron Temperature and Density Measurements on JFT-2 Plasma.
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**JAERI-M-83-131**
Study on the Cathode of Ion Source for Neutral Beam Injector.
DE84703488 **10**-*522,606* PC **A05**/MF **A01**

**JAERI-M-83-132**
Characterization of Oxide Scales Containing a Metastable Tetragonal ZrO sub 2 Oxide Scales on the Zircaloy-4.
DE84703562 **10**-*522,852* PC **A02**/MF **A01**

**JAERI-M-83-133**
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**JAERI-M-83-135**
Consideration on Laser Enrichment Module. Module Characteristics from the Viewpoint of Energy Consumption.
DE85700903 **20**-*546,113* PC **A05**/MF **A01**

**JAERI-M-83-136**
Equipment for Manufacture of Uranium-Plutonium Mixed Carbide Fuel Pins.
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**JAERI-M-83-137**
Effect of Nickel Content on Chlorides Stress Corrosion Cracking of Stainless Steels Containing 23% Chromium.
DE84703513 **10**-*522,119* PC **A03**/MF **A01**

**JAERI-M-83-138**
Study of Creep and Rupture Behavior for Hastelloy Alloy XR. Evaluation of the Creep Data for Structural Design at Elevated Temperatures.
DE85700885 **20**-*546,427* PC **A07**/MF **A01**

**JAERI-M-83-139**
Preliminary Study on the Concept of Steady Fusion Experimental Reactor (FER) By RF-Current Drive.
DE85700229 **11**-*524,997* PC **A03**/MF **A01**

**JAERI-M-83-140**
Evaluation Report on CCTF CORE-I REFLOOD TEST CI-1. (Run 010). Investigation of the Loop Flow Resistance Effect.
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**JAERI-M-83-141**
Active Beam Scattering Apparatus and Its Application to JFT-2 Tokamak.
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**JAERI-M-83-142**
Analysis of Shielding Benchmark Problems Using the Monte Carlo Codes MORSE-CG.
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**JAERI-M-83-143**
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**JAERI-M-83-144**
Algorithm for Solving Three-Dimensional Neutron Transport Problems by the Galerkin-Type Double Finite Element Method.
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**JAERI-M-83-146**
Mass Separated Neutral Particle Energy Analyser.
DE85700225 **11**-*525,567* PC **A03**/MF **A01**

**JAERI-M-83-147**
Investigation of Reflood Models by Coupling REFLA-1D and Multi-Loop System Model.
DE84703564 **10**-*522,784* PC **A04**/MF **A01**

**JAERI-M-83-148**
Design of a Mode Converter for Electron Cyclotron Heating by the Method of Normal Mode Expansion.
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Study on the Experimental Method of Chlorine Treatment of Raw Drinking Water.
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**JAERI-M-83-150**
Intermediate Heat Exchanger Design Study of 25 MW Straight-Tube Hexagonal Modular Type.
DE84703567 **10**-*522,786* PC **A03**/MF **A01**

**JAERI-M-83-151**
Relaxation Test of the Core Restraint Band Model.
DE84703568 **10**-*522,787* PC **A03**/MF **A01**

**JAERI-M-83-152**
Percent Fissions in Pu of the Low-Enriched UO sub 2 Coated Particles Irradiated in JMTR.
DE84703569 **10**-*522,854* PC **A02**/MF **A01**

**JAERI-M-83-153**
Irradiation Performance of Coated Particle Fuel Compact, (2). Irradiation Experiments in JMTR Capsule, 72F-6A, 72F-8A and 72F-9A.
DE84703570 **10**-*522,855* PC **A05**/MF **A01**

**JAERI-M-83-154**
Dynamic Property of Fast Shutter for JT-60 NBI.
DE85700237 **11**-*525,003* PC **A02**/MF **A01**

**JAERI-M-83-155**
Atomic Structure Calculation of Energy Levels and Oscillator Strengths in Ti Ion, 1. 3S-3P and 3P-3D Transitions in Ti IX.
DE85700815 **18**-*540,342* PC **A04**/MF **A01**

**JAERI-M-83-156**
Study of Internal Exposure Based on the ICRP Publication 30.
DE85700901 **20**-*544,880* PC **A03**/MF **A01**

**JAERI-M-83-157**
Analysis of Reactor Physics Experiments at a Heterogeneous Fast Critical Assembly (ZPPR-7A).
DE84703536 **10**-*522,886* PC **A04**/MF **A01**

**JAERI-M-83-158**
Study of the Application of Near-Real-Time Materials Accountancy to Safeguards for Reprocessing Facilities.
DE84703585 **10**-*522,860* PC **A13**/MF **A01**

**JAERI-M-83-159**
Modal Analysis of Eddy Current in JT-60 Multi-Torus System.
DE85700235 **11**-*525,569* PC **A06**/MF **A01**

**JAERI-M-83-160**
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DE85701382 **25**-*559,316* PC **A05**/MF **A01**

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Irradiation Effect on Animal Feeds and Feedstuffs.
DE85701051 **22**-*549,852* PC **A06**/MF **A01**

**JAERI-M-83-162**
Development of a High Counting Rate Pulse Height Analyzing System for Plasma Diagnosis.
DE85700226 **11**-*525,568* PC **A03**/MF **A01**

**JAERI-M-83-163**
Studsvik-Data Editing Code STRIP.
DE84703594 **10**-*522,789* PC **A03**/MF **A01**

**JAERI-M-83-164**

Atomic Structure Calculation of Energy Levels and Oscillator Strengths in Ti Ion, 2. 3S-3P and 3P-3D Transitions in Ti X.

DE85700816 **18**-*540,343* PC **A03**/MF **A01**

**JAERI-M-83-165**

Stabilizing Effect of Passive Conductors with Arbitrary Shape for Positional Instabilities.

DE85700236 **11**-*525,570* PC **A02**/MF **A01**

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Users Manual for SPLPACK-1: A Program Package for Plotting and Editing of Experimental and Analytical Data of Various Transient Systems.

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**JAERI-M-83-167**

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DE84703571 **10**-*522,856* PC **A03**/MF **A01**

**JAERI-M-83-168**

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**JAERI-M-83-170**

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DE84703572 **10**-*522,788* PC **A03**/MF **A01**

**JAERI-M-83-171**

Fluctuations Observed in NBI Heated Doublet III Divertor Discharges.

DE85700222 **11**-*525,564* PC **A03**/MF **A01**

**JAERI-M-83-172**

Experiment of AE Characteristics on Crack Extension.

DE85700937 **20**-*546,358* PC **A03**/MF **A01**

**JAERI-M-83-173**

PCI/SCC Failure Behavior of KWU/CE Fuel Rods. Investigation Results in Over Ramp Project.

DE85700939 **20**-*546,360* PC **A03**/MF **A01**

**JAERI-M-83-175**

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DE85701377 **25**-*559,141* PC **A06**/MF **A01**

**JAERI-M-83-176**

DELIGHT-6: One Dimensional Lattice Burn-Up Code for High Temperature Gas-Cooled Reactors.

DE85702169 **26**-*561,644* PC **A07**/MF **A01**

**JAERI-M-83-177**

Experimental Study of Induced Activity in Type 316 Stainless Steel by Irradiation in D-T Neutron Fields.

DE85700231 **11**-*524,999* PC **A05**/MF **A01**

**JAERI-M-83-178**

Strontium Diffusion in Polycrystalline Graphite and Graphite/Carbon Matrices.

DE85700888 **20**-*546,428* PC **A02**/MF **A01**

**JAERI-M-83-179**

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DE85701092 **25**-*559,310* PC **A03**/MF **A01**

**JAERI-M-83-180**

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DE85780620 **16**-*536,668* PC **A04**/MF **A01**

**JAERI-M-83-181**

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DE85701080 **24**-*556,495* PC **A06**/MF **A01**

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DE85700103 **11**-*524,985* PC **A11**/MF **A01**

**JAERI-M-83-183**

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**JAERI-M-83-184**

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DE85701121 **22**-*551,804* PC **A06**/MF **A01**

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DE85701083 **25**-*559,238* PC **A09**/MF **A01**

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DE85701075 **24**-*556,491* PC **A04**/MF **A01**

**JAERI-M-83-189**

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DE85701077 **24**-*556,493* PC **A03**/MF **A01**

**JAERI-M-83-190**

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**JAERI-M-83-191**

Discussion on Control Algorithm of Constant Outlet Gas Temperature of Flow Regulation Region from a View Point of VHTR Operation.

DE84703537 **10**-*522,761* PC **A02**/MF **A01**

**JAERI-M-83-192**

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**JAERI-M-83-194**

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**JAERI-M-83-195**

Measurements of Angle-Dependent Neutron Spectra from Lithium-Oxide Slab Assemblies by Time-of-Flight Method.

DE85700232 **11**-*525,000* PC **A05**/MF **A01**

**JAERI-M-83-196**

Measurements of Tritium Production-Rate Distribution in Simulated Blanket Assemblies at the FNS.

DE85700233 **11**-*525,001* PC **A02**/MF **A01**

**JAERI-M-83-197**

Treatment of Liquid Waste from the Production of Molybdenum-99 by sup 235 U(n, f) sup 99 Mo Reaction, 2. Method for Treating Medium Level Liquid Waste.

DE85701666 **25**-*559,145* PC **A03**/MF **A01**

**JAERI-M-83-198**

Atomic Structure Calculation of Energy Levels and Oscillator Strengths in Ti Ion, 3. 3S - 3P and 3P - 3D Transitions in Ti XI.

DE85700817 **18**-*540,344* PC **A03**/MF **A01**

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DE85701607 **25**-*558,020* PC **A05**/MF **A01**

**JAERI-M-83-200**

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DE85701079 **24**-*556,531* PC **A03**/MF **A01**

**JAERI-M-83-201**

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DE85700892 **20**-*544,604* PC **A03**/MF **A01**

**JAERI-M-83-202**

Thermal Reactor Benchmark Tests on JENDL-2.

DE85702170 **26**-*561,645* PC **A03**/MF **A01**

**JAERI-M-83-203**

Studies on the Core-Support Carbon Material for VHTR, (5). Effect of Long-Term Heat Treatment on Dimension, Bulk Density, Thermal Conductivity and Electrical Resistivity.

DE85700889 **20**-*546,355* PC **A02**/MF **A01**

**JAERI-M-83-204**

In-Pile Experiment for Tritium Release from Li sub 2 O under High Neutron Fluence. Detritiation and Tritium Monitoring.

DE85700240 **11**-*525,005* PC **A03**/MF **A01**

**JAERI-M-83-205**

Goniometer Remote Control System.

DE85701108 **23**-*553,833* PC **A03**/MF **A01**

**JAERI-M-83-206**

Fabrication of Uranium-Plutonium Mixed Carbide Fuel Pins for Irradiation Tests.

DE85701096 **25**-*559,313* PC **A03**/MF **A01**

**JAERI-M-83-207**

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DE85780630 **17**-*537,944* PC **A07**/MF **A01**

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DE85780631 **17**-*537,945* PC **A08**/MF **A01**

**JAERI-M-83-209**

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DE85700882 **20**-*546,202* PC **A02**/MF **A01**

**JAERI-M-83-210**

Analysis of 100% Steam Line Break Test in the ROSA-III Program by Using RELAP5/MOD1 Code. Analysis of RUN952, an HPCS Injection Test.

DE85701085 **25**-*559,085* PC **A06**/MF **A01**

**JAERI-M-83-211**

Core Design and Critical Experiment on FCA XI-L Assembly.

DE85701648 **25**-*559,341* PC **A05**/MF **A01**

**JAERI-M-83-212**

Seismic Analysis of Helical Coil Type Heat Exchanger. Modeling and Eigenvalue Analysis.

DE85780621 **16**-*536,669* PC **A04**/MF **A01**

**JAERI-M-83-213**

Conceptual Design of Fusion Experimental Reactor (FER). Option A.

DE85700117 **11**-*524,987* PC **A99**/MF **A01**

**JAERI-M-83-214**

Conceptual Design of Fusion Experimental Reactor (FER). Option B.

DE85700118 **11**-*524,988* PC **A99**/MF **A01**

**JAERI-M-83-215**

Conceptual Design of Fusion Experimental Reactor (FER). Option C.

DE85700119 **11**-*524,989* PC **A99**/MF **A01**

**JAERI-M-83-216**

Conceptual Design of Blanket Structures for Fusion Experimental Reactor (FER).

DE85701581 **24**-*556,273* PC **A99**/MF **A01**

**JAERI-M-83-217**

Conceptual Design Study on Actinide Burning Fast Reactor.

DE85701649 **25**-*559,144* PC **A05**/MF **A01**

**JAERI-M-83-218**

Intermediate-Level Waste Treatment Facility in the Tokai Research Establishment.

DE85701667 **25**-*559,146* PC **A06**/MF **A01**

**JAERI-M-83-219**

Neutron Yield Monitors for the Fusion Neutronics Source (FNS) For 80 degree Beam Line.

DE85700234 **11**-*525,002* PC **A03**/MF **A01**

**JAERI-M-83-220**

Thermal Capability of JT-60 Magnetic Limiter Plate.

DE85700239 **16**-*536,554* PC **A03**/MF **A01**

**-JAERI-M---83-221**

Evaluation of Neutron Nuclear Data for sup 12 C.

DE84900731 **20**-*546,640* PC **A04**/MF **A01**

**JAERI-M-83-222**

Measurements of Uranium Enrichment by Four Techniques of gamma-Ray Spectrometry.

DE85701099 **24**-*556,532* PC **A03**/MF **A01**

**JAERI-M-83-223**

Stopping Power for Ions in Solids.

DE85701807 **25**-*559,602* PC **A03**/MF **A01**

**JAERI-M-83-224**

Design Fatigue Curve for Hastelloy-X.

DE85701031 **22**-*550,457* PC **A03**/MF **A01**

**JAERI-M-83-225**

Review of the Presented Papers for the Sixth International Conference on Radiation Shielding.

DE85701391 **25**-*559,094* PC **A06**/MF **A01**

**JAERI-M-83-227**

Technical Problems on High Temperature Engineering.

DE85701365 **25**-*559,355* PC **A05**/MF **A01**

**JAERI-M-83-228**

Evaluation of Failure Stress and Released Amount of Fission Product Gas of Power Ramped Rod by Fuel Behaviour Analysis Code 'FEMAXI-III'.

DE85701357 **25**-*559,243* PC **A02**/MF **A01**

**JAERI-M-83-229**

Radiolysis of Methane-Ethylene and Methane-Ethane Mixtures Flow System Induced by Electron Irradiation Using None-Recycling.

DE85701862 **26**-*560,510* PC **A04**/MF **A01**

**JAERI-M-83-230**

Electrical Resistivity Change in Cu and Al Stabilizers of Superconducting Magnets after Low-Temperature Neutron Irradiation.

DE85700997 **22**-*551,055* PC **A03**/MF **A01**

**JAERI-M-83-231**

Effect of Hydrogen on Reaction of Graphite with Water Vapor.

DE85701037 **22**-*550,383* PC **A02**/MF **A01**

**JAERI-M-83-232**

Irradiation Behaviors of Coated Fuel Particles, (5). Irradiation by JMTR 73F-13A Capsule.

DE85701366 **25**-*559,314* PC **A04**/MF **A01**

**JAERI-M-83-233**

Numerical Simulation(I) Of Field Tracer Experiment by a System for Prediction of Environmental Emergency Dose Information (SPEEDI). Field Experiment with a Line Source.

DE85701057 **24**-*556,448* PC **A04**/MF **A01**

**JAERI-M-83-234**
In-Core Failure of Zircaloy Sheathed Instrumented Fuel Rod Occurred in the Portion of Diffusion Welded Transition Joint.
DE85701361 **25**-*559,247* PC **A03**/MF **A01**

**JAERI-M-83-235**
Report of the 2nd Workshop on Particle Material Interactions for Fusion Research.
DE85701753 **25**-*558,934* PC **A09**/MF **A01**

**JAERI-M-83-237**
Examination of Repeatability in Reflood Phenomena under Forced Flooding in SCTF Core-I Tests.
DE85701090 **24**-*556,498* PC **A08**/MF **A01**

**JAERI-M-83-240**
Atomic Structure Calculation of Energy Levels and Oscillator Strenghts in Fe Ion, 1. 3S-3P and 3P-3D Transitions in Fe XV.
DE85700212 **11**-*524,034* PC **A03**/MF **A01**

**JAERI-M-83-241**
Preparation of Zirconium and Zirconium-Base Alloy Certified Reference Materials JAERI-Z11 to -Z18.
DE85701858 **26**-*560,508* PC **A04**/MF **A01**

**JAERI-M-84-002**
Electron Probe Micro-Analysis of Irradiated Triso-Coated UO sub 2 Particles, (2).
DE85701367 **25**-*559,315* PC **A04**/MF **A01**

**JAERI-M-84-003**
Determination of Spectrum-Dose Conversion Operator for a Pure Germanium Semiconductor Detector for Environmental gamma -Ray Measurement.
DE85701370 **25**-*558,973* PC **A03**/MF **A01**

**JAERI-M-84-004**
Impurities in a SF sub 6 Insulating Gas Medium of the JAERI (Japan Atomic Energy Research Institute) Tandem Accelerator.
DE85701068 **24**-*556,758* PC **A02**/MF **A01**

**JAERI-M-84-005**
X-Ray Photoelectron and X-Ray-Induced Auger Electron Spectroscopic Data, 1. 3D Transition-Metals (Sc, Ti, V, Ni) and Related Oxides.
DE85700988 **22**-*550,015* PC **A03**/MF **A01**

**JAERI-M-84-006**
Computer Code for Calculating a gamma -External Dose from a Randomly Distributed Radioactive Cloud.
DE85701058 **24**-*556,449* PC **A03**/MF **A01**

**JAERI-M-84-007**
ROSA-III 200% Double-Ended Break Integral Test RUN 901. Full ECCS Actuation.
DE85701086 **25**-*559,086* PC **A08**/MF **A01**

**JAERI-M-84-008**
ROSA-III 200% Double-Ended Break Integral Test RUN 926. HPCS Failure.
DE85701087 **25**-*559,087* PC **A09**/MF **A01**

**JAERI-M-84-009**
In-Core Burnout Failure of PWR Type Fuel Rod and Its Behavioural Analysis by Using Equipped Instrumentations.
DE85701362 **25**-*559,248* PC **A04**/MF **A01**

**JAERI-M-84-011**
Evaluation of Thermal Stress in the Anode Chamber Wall of a Large Volume Magnetic Bucket Ion Source.
DE85700995 **22**-*551,054* PC **A03**/MF **A01**

**JAERI-M-84-012**
Fabrication and Testing of a Quartz Oscillator Microbalance.
DE85700993 **22**-*551,052* PC **A02**/MF **A01**

**JAERI-M-84-013**
In-Pile Test of Tritium Release from Lithium Oxide. An Evaluation Study on Neutronics and Thermohydraurics of Sweep Gas Capsule Packed with Li sub 2 O Pellets.
DE85700998 **22**-*551,056* PC **A04**/MF **A01**

**JAERI-M-84-014**
Low-Cycle Fatigue of Hastelloy X and Hastelloy XR in Simulated VHTR Helium Coolant Environment at Elevated Temperature.
DE85701032 **22**-*550,458* PC **A03**/MF **A01**

**JAERI-M-84-015**
Treatment of Liquid Waste from the Production of Molybdenum-99 by sup 235 U(n,f) sup 99 Mo Reaction, 3. Treatment of the Very Hot Liquid Waste.
DE85701109 **23**-*553,963* PC **A03**/MF **A01**

**JAERI-M-84-016**
RLP5SPL: a Conversion Program from RELAP5 Output Data to SPL Format Data.
DE85701387 **25**-*559,251* PC **A02**/MF **A01**

**JAERI-M-84-017**
TRUMP3-JR: a Finite Difference Computer Program for Nonlinear Heat Conduction Problems.
DE85701388 **25**-*559,092* PC **A06**/MF **A01**

**JAERI-M-84-018**
Exposure, Dose-Equivalent and Absorbed-Dose Buildup Factors of gamma Rays for Plane Normal and Isotropic Incidences on Water, Concrete, Iron and Lead.
DE85701808 **25**-*559,100* PC **A03**/MF **A01**

**JAERI-M-84-019**
Shielding Experiments for Evaluating a Shielding Safety Evaluation Code System to Spent Fuel Processing Facilities, (3). Shielding Experiment of a Spent Fuel Transport Cask Containing One or Two BWR Spent Fuel Assemblies.
DE85701344 **25**-*559,089* PC **A04**/MF **A01**

**JAERI-M-84-020**
Shielding Experiments for Evaluating a Shielding Safety Evaluation Code System to Spent Fuel Processing Facilities, (4). Experiments for the Assessment on Source Geometry of BWR Spent Fuel Assemblies.
DE85701056 **24**-*556,357* PC **A03**/MF **A01**

**JAERI-M-84-021**
Analytical Evaluation on the Pressure Increase of Long-Term Exposed LWR Rod by Post-Irradiation Examination and Code Calculation by FEMAXI-III.
DE85701358 **25**-*559,244* PC **A03**/MF **A01**

**JAERI-M-84-022**
FAIR-DDX: A Code for Production of Double Differential Cross Section Library.
DE85702227 **26**-*561,842* PC **A03**/MF **A01**

**JAERI-M-84-023**
Raman Spectra of SiC Layers of Coated Fuel Particles.
DE85701093 **25**-*559,311* PC **A02**/MF **A01**

**JAERI-M-84-024**
Treatment of Liquid Waste from the Production of Molybdenum-99 by sup 235 U(n,f) sup 99 Mo Reaction, 1. Method for Treating High Radioactive Organic Liquid Waste.
DE85701110 **23**-*553,964* PC **A03**/MF **A01**

**JAERI-M-84-025**
SMORN-III Benchmark Test on Reactor Noise Analysis Methods.
DE85701076 **24**-*556,492* PC **A07**/MF **A01**

**JAERI-M-84-026**
Evaluation Report on CCTF Core-II Reflood Tests C2-AC1 (Run 51) and C2-4 (Run 62). Effect of Initial Clad Temperature.
DE85702194 **26**-*561,571* PC **A05**/MF **A01**

**JAERI-M-84-027**
SAGEP: Two-Dimensional Sensitivity Analysis Code Based on Generalized Perturbation Theory.
DE85702228 **26**-*561,650* PC **A03**/MF **A01**

**JAERI-M-84-029**
Updated Core Power Curves for ROSA-III Facility.
DE85702187 **26**-*561,564* PC **A04**/MF **A01**

**JAERI-M-84-030**
Study on Similarity Between ROSA-III and BWR/6 During a Small Break LOCA.
DE85702188 **26**-*561,565* PC **A08**/MF **A01**

**JAERI-M-84-031**
Achievements of Japanese Fuel Irradiation Experiments in HBWR.
DE85701088 **24**-*556,496* PC **A13**/MF **A01**

**JAERI-M-84-032**
2 MeV, 60 KW Dual-Beam Type Electron Accelerator Irradiation Facility.
DE85701060 **24**-*556,751* PC **A07**/MF **A01**

**JAERI-M-84-033**
DDXPLOT: A Program to Plot the Energy Angle Double-Differential Cross Sections.
DE85701123 **22**-*551,595* PC **A03**/MF **A01**

**JAERI-M-84-034**
Type Tests of the Welded Bellows for the Ports of the JT-60 Vacuum Vessel.
DE85700999 **22**-*551,057* PC **A04**/MF **A01**

**JAERI-M-84-036**
Evaluation of CCTF Core-II Second Acceptance Test C2-AC2 (Run 052). Investigation of Difference in Reflooding Behaviors Between Core-I and Core-II Facilities.
DE85701363 **25**-*559,090* PC **A05**/MF **A01**

**JAERI-M-84-037**
Fatigue Test Results of Flat Plate and Pipe Specimens Containing Multiple Surface Flaws, and Comparison with Some Predicted Crack Growth Behavior.
DE85701089 **24**-*556,497* PC **A05**/MF **A01**

**JAERI-M-84-038**
JSD1000: Multi-Group Cross Section Sets for Shielding Materials.
DE85701389 **25**-*559,093* PC **A06**/MF **A01**

**JAERI-M-84-039**
Computer Programs for Heat Transfer Analysis in a Horizontal Annular Porous Insulation Layer.
DE85702229 **26**-*561,930* PC **A05**/MF **A01**

**JAERI-M-84-041**
Analysis of TRAC-PD2 Prediction for the Cylindrical Core Test Facility Evaluation Model Test C1-19 (Run 38).
DE85701364 **25**-*559,091* PC **A03**/MF **A01**

**JAERI-M-84-042**
Assessment of TRAC-PF1 Predictive Capability for the Thermal Hydraulic Behavior Along a Primary Loop During the Reflood Phase of a PWR LOCA.
DE85702195 **26**-*561,572* PC **A05**/MF **A01**

**JAERI-M-84-043**
Recovery of Neptunium. Literature Survey.
DE85701029 **23**-*553,959* PC **A03**/MF **A01**

**JAERI-M-84-044**
Vitrification Apparatus. Design and Performance Test.
DE85701111 **23**-*553,965* PC **A04**/MF **A01**

**JAERI-M-84-045**
Experiment Data of 200% Recirculation Pump Discharge Line Break Integral Test Run 961 with HPCS Failure at ROSA-III and Comparison with Results of Suction Line Break Tests.
DE85702189 **26**-*561,566* PC **A11**/MF **A01**

**JAERI-M-84-046**
Annual Progress Report on the NSRR Experiments, (14). January 1982 Through December 1982.
DE85702190 **26**-*561,567* PC **A09**/MF **A01**

**JAERI-M-84-047**
Irradiation Effects on Components of Spectroscopic Measurement Device for JT-60 Diagnostics.
DE85700992 **22**-*551,695* PC **A03**/MF **A01**

**JAERI-M-84-048**
Plastic Solidification of Radioactive Wastes.
DE85701112 **23**-*553,966* PC **A06**/MF **A01**

**JAERI-M-84-049**
Data on Ionization, Excitation, Dissociation and Dissociative Ionization of Targets by Helium Ion Bombardments, (1). Target Ionization, Excitation, Dissociation and Dissociative Ionization Induced by Several KeV to 3.5 MeV Helium Ions Incident on Thin Gas Targets.
DE85701741 **25**-*557,982* PC **A05**/MF **A01**

**JAERI-M-84-050**
SPEEDI: System for Prediction of Environmental Emergency Dose Information.
DE85701642 **25**-*559,202* PC **A05**/MF **A01**

**JAERI-M-84-051**
Conceptual Design of Nuclear Power Plants Database System.
DE85701081 **24**-*556,322* PC **A03**/MF **A01**

**JAERI-M-84-053**
Graphs of Neutron Cross Sections in JSD1000 for Radiation Shielding Safety Analysis.
DE85701325 **25**-*559,088* PC **A14**/MF **A01**

**JAERI-M-84-054**
Irradiation Experiment of Coated Particle Fuels by Sweep Gas Capsule, (1). Irradiation by 74F-9J Capsule.
DE85701094 **25**-*559,312* PC **A04**/MF **A01**

**JAERI-M-84-055**
Analysis and Research Status of Severe Core Damage Accidents. Report by Severe Core Damage Accident Research and Analysis Task Force.
DE85702191 **26**-*561,568* PC **A21**/MF **A01**

**JAERI-M-84-056**
Diagnosis of NSRR Based on Reactor Noise Analysis, (1).
DE85702181 **26**-*561,559* PC **A04**/MF **A01**

**JAERI-M-84-058**
Effect of Axial Power Distribution on the Fuel Rod Behavior in NSRR Experiments.
DE85701369 **25**-*559,249* PC **A03**/MF **A01**

**JAERI-M-84-059**
Effects of Pressure on the First-Order Phase Transition of Cu sub 4 SnS sub 4 and Cu sub 8 GeS sub 6.
DE85701859 **26**-*561,924* PC **A03**/MF **A01**

**JAERI-M-84-060**
Diffusion Phenomena of Fluorine and Cations in Molten Li sub 2 BeF sub 4 , LiBeF sub 3 and NaBeF sub 3.
DE85701860 **26**-*560,509* PC **A03**/MF **A01**

**JAERI-M-84-062**
Design of JT-60 First Wall.
DE85700994 **22**-*551,053* PC **A04**/MF **A01**

**JAERI-M-84-063**
Study on GAP Heat Transfer of LWR Fuel Rods under Reactivity Initiated Accident Conditions.
DE85702196 **26**-*561,573* PC **A09**/MF **A01**

**JAERI-M-84-065**
Evaluation of Advanced Two-Phase Flow Instrumentation in SCTF Core-1.
DE85702197 **26**-*561,574* PC **A08**/MF **A01**

**JAERI-M-84-066**
Development of Heat Transfer Package for JRR-3 Thermohydrodynamic Analysis.
DE85702206 **26**-*561,657* PC **A05**/MF **A01**

**JAERI-M-84-067**
Development of gamma-Scanning System for Vitrified HLW Forms.
DE85701375 **25**-*559,140* PC **A03**/MF **A01**

**JAERI-M-84-068**
Data of Very Low Wind Velocity and of Air Tracer Concentration in the Diffusion Experiments under Very Stable Condition. September 1976-October 1981.
DE85701626 **25**-*559,199* PC **A07**/MF **A01**

**JAERI-M-84-069**
Data on Collisions of Helium Atoms and Ions with Atoms and Molecules. (2). Cross Sections for Charge Transfer of

He exp 2+ . He exp + . He and He exp - with He, Ne, Ar, Kr and Xe.
DE85701742 **25**-*557,983* PC **A07**/MF **A01**

**JAERI-M-84-070**
Development of Partitioning Method; Partitioning Test with Nuclear Fuel Reprocessing Waste Prepared at PNC, 2.
DE85701668 **25**-*559,147* PC **A03**/MF **A01**

**JAERI-M-84-075**
Critical Experiment for Large Fast Reactor at FCA XI-1 Assembly.
DE85701351 **25**-*559,337* PC **A04**/MF **A01**

**JAERI-M-84-076**
Experimental Study of Large Scale Axially Heterogeneous LMFBR Cores at FCA, (1). Experimental Program and Critical Experiment of FCA Assembly XI-2.
DE85702171 **26**-*561,646* PC **A04**/MF **A01**

**JAERI-M-84-077**
Positional Stability Experiment and Analysis of Elongated Plasmas in Doublet III. Japanese Contributions to IAEA INTOR Workshop, Phase IIA, Transient Electromagnetics Group.
DE85701580 **24**-*556,928* PC **A04**/MF **A01**

**JAERI-M-84-079**
Design Basis of Thermohydrodynamics for JRR-3.
DE85702172 **26**-*561,656* PC **A07**/MF **A01**

**JAERI-M-84-080**
High Temperature Alloys and Ceramic Heat Exchanger.
DE85701610 **25**-*559,256* PC **A03**/MF **A01**

**JAERI-M-84-081**
Development Tests of an Eutectic Brazed Joint of Zircaloy-4/SUS304.
DE85702192 **26**-*561,569* PC **A04**/MF **A01**

**JAERI-M-84-083**
Present Status on Helium Technology of HTGR.
DE85702200 **26**-*561,577* PC **A03**/MF **A01**

**JAERI-M-84-084**
Method of Signal Transmission Path Analysis for Multivariate Random Processes.
DE85702182 **26**-*561,560* PC **A03**/MF **A01**

**JAERI-M-84-086**
Doppler Effect Measurement in FCA Assemblies X-3 and XI-1.
DE85702173 **26**-*561,647* PC **A03**/MF **A01**

**JAERI-M-84-087**
In-Pile Test of Tritium Recovery from Lithium Oxide. Tritium Release Behavior.
DE85701615 **25**-*558,931* PC **A04**/MF **A01**

**JAERI-M-84-088**
Distribution of sup 60 Co and sup 54 Mn in Graphite Material of Irradiated HTGR Fuel Assemblies.
DE85702201 **26**-*561,478* PC **A03**/MF **A01**

**JAERI-M-84-089**
Data Compilation for Radiation Effects on Hydrogen Recycle in Fusion Reactor Materials.
DE85701319 **25**-*558,930* PC **A07**/MF **A01**

**JAERI-M-84-092**
Data Compilation for Depth Distribution of Ion-Induced Damage and Ion-Implanted Atoms.
DE85701295 **25**-*558,801* PC **A07**/MF **A01**

**JAERI-M-84-093**
Data on Trapping and Re-Emission of Energetic Hydrogen Isotopes and Helium in Materials, Supplement 1.
DE85701296 **25**-*558,443* PC **A04**/MF **A01**

**JAERI-M-84-094**
Data Compilation for Particle Impact Desorption.
DE85701311 **25**-*558,927* PC **A09**/MF **A01**

**JAERI-M-84-095**
Matrix Transfer Function Analysis of JT-60 Plasma Equilibrium Control.
DE85701575 **24**-*556,271* PC **A03**/MF **A01**

**JAERI-M-84-096**
Carburization of UO sub 2 Kernels in Cracked Particles and Its Effect on Xenon Release.
DE85701653 **25**-*559,319* PC **A02**/MF **A01**

**JAERI-M-84-099**
Neutronics Design of Upgraded JRR-3 Research Reactor.
DE85702174 **26**-*561,648* PC **A07**/MF **A01**

**JAERI-M-84-100**
Recirculation Pump Suction Line 2.8% Break Integral Test at ROSA-III with HPCS Failure, RUN 984.
DE85701652 **25**-*559,097* PC **A10**/MF **A01**

**JAERI-M-84-109**
Calculation of Anisotropy Correction Factor for Determination of D-T Neutron Yield by Associated alpha -Particle Method.
DE85701582 **24**-*556,274* PC **A03**/MF **A01**

**JAERI-M-84-110**
Benchmark Calculations of the Solution-Fuel Criticality Experiments by SRAC Code System.
DE85702175 **26**-*561,421* PC **A04**/MF **A01**

**JAERI-M-84-122**
Study on Fatigue Life Evaluation of Structural Component Based on Crack Growth Criterion.
DE85702178 **26**-*561,557* PC **A07**/MF **A01**

**JAERI-M-84-127**
Evaluation of Autoregressive Model Fitting Algorithms Based on Least Squares Method.
DE85702176 **26**-*561,649* PC **A04**/MF **A01**

**JAERI-M-84-128**
Leakage Flow of Gases Through Gaps Between Contacting Surfaces.
DE85702202 **26**-*561,578* PC **A02**/MF **A01**

**JAERI-M-84-130**
Bowing Test of HTGR Graphite Sleeve. Out of Pile Heat-Up Experiment and Bending Test.
DE85702203 **26**-*561,579* PC **A03**/MF **A01**

**JAERI-M-84-131**
Report on Reflood Experiment of Grid Spacer Effect.
DE85702198 **26**-*561,575* PC **A11**/MF **A01**

**JAERI-M-84-132**
Through Calculation of 1,100 MWe PWR Large Break LOCA by THYDE-P1 EM Model. Sample Calculation Run 80.
DE85702199 **26**-*561,576* PC **A06**/MF **A01**

**JAERI-M-84-135**
Recirculation Pump Suction Line 200% Break Integral Test at ROSA-III with Two LPCI Failures, Run 983.
DE85702193 **26**-*561,570* PC **A10**/MF **A01**

**JAERI-M-84-143**
MPEC: Multi-Phase Equilibrium Chemical Code by Free Energy Minimization Method.
DE85702233 **26**-*560,514* PC **A02**/MF **A01**

**JAERI-M-8763**
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JAERI-M-8763 **20**-*546,381* PC **A06**/MF **A01**

**JAERI-M-8783**
Track Segment Synthesis Method for NTA Film.
JAERI-M-8783 **20**-*546,165* PC **A03**/MF **A01**

**JAERI-1284**
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DE84703218 **10**-*522,601* PC **A04**/MF **A01**

**JAERI-1286**
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DE84703575 **10**-*522,622* PC **A03**/MF **A01**

**JAERI-1288**
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DE85700902 **20**-*544,881* PC **A03**/MF **A01**

**JAERI-1289**
Fast Critical Experiments in FCA and Their Analysis.
DE85701352 **25**-*559,338* PC **A07**/MF **A01**

**JAERI-1290**
Study of Transient Burnout Characteristics under Flow Reduction Condition.
DE85701359 **25**-*559,245* PC **A03**/MF **A01**

**JAMRI-1**
Outlook of Japan's Steam Coal Trade and Her Merchant Shipping.
PB85-131423 **05**-*510,850* PC **E04**/MF **E01**

**JAMRI-2**
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PB85-131431 **05**-*510,818* PC **E04**/MF **E01**

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AD-A146 392/6 **01**-*501,306* PC **A07**/MF **A01**

**JAYCOR-J206-84-005/6239**
Analyses of Energy Extraction Efficiency of Unstable Resonators.
AD-A146 391/8 **01**-*502,391* PC **A03**/MF **A01**

**JAYCOR-J206-85-001/6242**
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AD-A153 212/6 **15**-*534,805* PC **A05**/MF **A01**

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AD-A155 973/1 **21**-*548,849* PC **A07**/MF **A01**

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AD-A154 375/0 **17**-*539,422* PC **A07**/MF **A01**

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PB85-109734 **02**-*504,327* PC **A07**/MF **A01**

**JC-2025-N**
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AD-A147 766/0 **04**-*509,941* PC **A99**/MF **A01**

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PB85-117935 **04**-*508,542* PC **A02**/MF **A01**

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PB85-117950 **04**-*508,544* PC **A02**/MF **A01**

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PB85-117893 **04**-*508,538* PC **A02**/MF **A01**

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**JDMCG/TR-84/4**
Private Sector Research Retrieval and Analysis Project: Swaziland.
PB85-117901 **04**-*508,539* PC **A02**/MF **A01**

**JDMCG/TR-84/5**
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PB85-117943 **04**-*508,543* PC **A03**/MF **A01**

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PB85-117919 **04**-*508,540* PC **A02**/MF **A01**

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N85-21163/9 **14**-*532,852* PC **A06**/MF **A01**

**JEN-480**
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DE81700468 **20**-*544,947* PC **A05**/MF **A01**

**JEN-481**
Correction for the Interference of Strontium in the Determination of Uranium in Geologic Samples by X-Ray Fluorescence.
DE81700469 **20**-*545,132* PC **A02**/MF **A01**

**JEN-482**
Review on the Separation and Measurement of exp 85 Kr from the Gaseous Effluents and Environment of Nuclear Facilities.
DE81700470 **20**-*546,217* PC **A02**/MF **A01**

**JEN-483**
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**JEN-485**
Permeation Tubes. Their Use in the Preparation of Controlled Gas Atmospheres.
DE81700492 **20**-*545,712* PC **A03**/MF **A01**

**JEN-486**
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**JEN-487**
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**JEN-490**
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**JEN-491**
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DE81700474 **20**-*545,134* PC **A02**/MF **A01**

**JEN-496**
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DE81700475 **20**-*544,950* PC **A03**/MF **A01**

**JEN-551**
Code Rex to Fit Experimental Data to Exponential Functions and Graphics Plotting.
DE84702577 **03**-*506,111* PC **A04**/MF **A01**

**JEN-555**
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**JEN-556**
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**JEN-557**
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DE85780608 **17**-*539,135* PC **A03**/MF **A01**

**JEN-559**
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**JEN-560**
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**JEN-563**
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**JEN-564**
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**JINR-E-1-83-486**
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**JINR-E-1-83-563**
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**JINR-E-1-83-850**
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**JINR-E-2-82-370**
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**JINR-E-2-82-722**
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**JINR-E-2-82-794**
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**JINR-E-2-83-254**
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**JINR-E-2-83-313**
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**JINR-E-2-83-587**
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**JINR-E-2-83-630**
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**JINR-E-2-84-51**
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DE85701548 **24**-*556,940* PC **A02**/MF **A01**

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**JINR-E-2-84-479**
No Anomaly Is Observed.
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**JINR-E-2-84-499**
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**JINR-E-2-84-660**
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**JINR-E-2-12469**
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**JINR-E-4-82-300**
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**JINR-E-4-82-772**
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**JINR-E-4-83-58**
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**JINR-E-4-83-368**
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**JINR-E-4-83-401**
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**JINR-E-4-83-647**
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**JINR-E-4-83-754**
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**JINR-E-4-83-786**
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DE85700865 **20**-*546,724* PC **A02**/MF **A01**

**JINR-E-4-84-72**
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**JINR-E-4-84-305**
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**JINR-E-5-83-882**
Modified Counter with Prolonging Dead Time.
DE85700747 **22**-*551,093* PC **A02**/MF **A01**

**JINR-E-6-83-270**
Nature of the sup 133 Ba Excited States.
DE84703072 **03**-*507,570* PC **A02**/MF **A01**

**JINR-E-6-83-333**
Nuclear Orientation of sup 149 Pm in Gadolinium Host.
DE84702311 **03**-*507,515* PC **A02**/MF **A01**

**JINR-E-7-80-196**
K Vacancy Production in Collisions of 63 MeV Cu Ions with Ge and Ag Atoms.
JINR-E-7-80-196 **24**-*556,896* PC **A02**/MF **A01**

**JINR-E-7-83-391**
Use of CR-39 Plastic Detector for the Detection and Identification of Ions with 2 < = Z < = 5.
DE85700954 **20**-*546,139* PC **A02**/MF **A01**

**JINR-E-7-84-415**
TDHF-Motivated Macroscopic Model for Heavy Ion Collisions: A Comparative Study.
DE85701829 **26**-*561,814* PC **A02**/MF **A01**

**JINR-E-9-83-608**
Computer Studies of the Field for the Superconducting Magnetic System of the Deuteron Cyclotron DC-1.
DE84702953 **05**-*512,464* PC **A02**/MF **A01**

**JINR-E-11-83-692**
Numerical Solution of the Equation of the Computerized Tomography and Its Application in Astrophysics.

DE84702796 **08**-*515,813* PC **A02**/MF **A01**

**NR-E-12-82-103**
Characteristic of Metallic State Properties of Mendelevium and Other Actinoids by Thermochromatography.
DE84702326 **03**-*505,870* PC **A02**/MF **A01**

**NR-E-13-80-500**
Cryogenic Source and Ionizer for Production of a Beam of Polarized Deuterons.
JINR-E-13-80-500 **24**-*556,776* PC **A02**/MF **A01**

**NR-E-13-84-473**
Optical Filtration of Laser Track Shadowgrams in Streamer Chamber.
DE85701664 **25**-*558,978* PC **A02**/MF **A01**

**NR-E-13-84-640**
Monte-Carlo Simulation for the Showers in the DELPHI (LEP) Hadron Calorimeter.
DE85781284 **25**-*558,999* PC **A02**/MF **A01**

**NR-E-14-83-605**
Electric Field Gradients at Gd in Gadolinium and Rare Earth Trifluoride Single Crystals.
DE85701748 **25**-*559,812* PC **A02**/MF **A01**

**NR-E-16-83-513**
Theoretical and Experimental Stopping Powers for Heavy Charged Particles in TL Phosphors.
DE84703004 **04**-*510,005* PC **A02**/MF **A01**

**NR-E-17-83-303**
Radiation Damage Depth Distributions in Al and Zn Induced by Ar (400 MeV), Ne (200 MeV) and C (112,5 MeV) Ion Bombardment.
DE84702765 **09**-*520,047* PC **A02**/MF **A01**

**NR-E-17-83-874**
Geometrical Identification of Quantum and Information Theories.
DE85700794 **18**-*541,847* PC **A02**/MF **A01**

**NR-E-17-84-22**
Nonequilibrium Statistical Averages and Thermo Field Dynamics.
DE85700795 **18**-*541,848* PC **A02**/MF **A01**

**NR-E-18-82-909**
Determination of Fissile Elements by Photofission Delayed Neutron Counting.
DE84702649 **03**-*505,875* PC **A02**/MF **A01**

**NR-E-18-83-200**
Application of New Standardization Method in Activation Analysis with Registration of Soft Gamma Radiation.
DE84702650 **02**-*503,578* PC **A02**/MF **A01**

**NR-E-19-83-493**
nduction and Repair of Damages of Chromatin Supercoiled Subunits after gamma -Irradiation.
DE84702660 **01**-*500,846* PC **A02**/MF **A01**

**NR-R-1-2-13-83-81**
PHE-JINR Neutrino Detector.
DE84780157 **09**-*519,938* PC **A08**/MF **A01**

**NR-R-1-82-754**
Comparison of Meson Behaviour in pi EP Collisions at 40 GeV/C with the Data on E exp + E exp - Annihilation.
DE83704499 **09**-*520,301* PC **A02**/MF **A01**

**NR-R-1-82-784**
Calculations of Threshold Characteristics of Vavilov-Cherenkov Radiation Emitted by Ultrarelativistic Particles in a Gaseous Cherenkov Counter.
DE84702635 **03**-*507,549* PC **A02**/MF **A01**

**NR-R-1-82-789**
Study on the Atomic Capture of Stopped pi exp - -Mesons n the Binary Mixtures of sup 3 He with Other Gases.
DE84702497 **03**-*507,529* PC **A02**/MF **A01**

**NR-R-1-82-908**
Comparison of Space-Time Characteristics of the Radiation Region of Secondary Pions Produced in pi exp - N and pi exp - C Interactions at 40 GeV/C in Different Frames of Reference.
DE84701447 **03**-*507,420* PC **A02**/MF **A01**

**NR-R-1-83-96**
Multiplicities of pi exp - Mesons and Protons Produced in nelastic Interactions of Deuterons and Neutrons with Carbon and Tantalum Nuclei at the (2-5) GeV/C Per Nucleon.
DE84702828 **08**-*517,891* PC **A02**/MF **A01**

**NR-R-1-83-165**
Pi Meson Production in Collisions of Relativistic Nuclei in a Multiple Scattering Model.
DE84702297 **03**-*507,501* PC **A02**/MF **A01**

**NR-R-1-83-229**
Cumulative Production of the lambda Hyperons in the pi exp - C Interaction at 40 GeV/C.
DE84702274 **02**-*505,010* PC **A02**/MF **A01**

**NR-R-1-83-237**
Experimental Study of the Pion-Xenon Nucleus Collisions at 3.5 GeV/C Momentum; Angular Distributions of Emitted Protons.
DE84702870 **08**-*517,922* PC **A02**/MF **A01**

**NR-R-1-83-295**
nvestigation of Energy and A Dependences of Polarization of Protons Knocked out from Nuclei by Protons at 640 MeV.
DE84702312 **03**-*507,516* PC **A02**/MF **A01**

**JINR-R-1-83-306**
Study on the Inclusive Charged Particle Characteristics in Jets in pi exp - p Interactions at 40 GeV/C.
DE84701689 **03**-*507,421* PC **A02**/MF **A01**

**JINR-R-1-83-354**
Lambda -Hyperon and K exp 0 -Meson Production Cross Sections in the CC-Interactions at 4.2 GeV/C Momentum Per Nucleon.
DE84702648 **03**-*507,562* PC **A02**/MF **A01**

**JINR-R-1-83-386**
Investigation of the eta Production on Aluminium and Copper Nuclei by pi exp - Mesons at the Momentum of 3.3 GeV/C.
DE84702313 **03**-*507,517* PC **A02**/MF **A01**

**JINR-R-1-83-430**
Partial Coefficients of Inelasticity in Pion-Nucleon and Pion-Carbon Interactions at 40 GeV/C in Central Region and in Fragmentation Regions of Incident Particle and Target.
DE84702101 **03**-*507,444* PC **A02**/MF **A01**

**JINR-R-1-83-481**
Multiplicity of the Secondary Charge Particles in Inelastic Interactions of Deuterons and Neutrons with Tantalum and Carbon Nuclei at 1 GeV/C Per Nucleon.
DE84702871 **08**-*517,923* PC **A02**/MF **A01**

**JINR-R-1-83-483**
Study on the Hadron Jet Production in Cumulative pi exp - C Interactions at the Momentum of 40 GeV/C.
DE84702275 **02**-*505,011* PC **A02**/MF **A01**

**JINR-R-1-83-515**
Calculation of Neutron Detection Efficiency in the Experiments on the Study of Synthesis Reactions Ttsub( Mu ) Yields sup 4 He + 2N + mu exp - and Dtsub( Mu ) Yields sup 4 He + N + mu exp -.
DE85700689 **20**-*546,699* PC **A02**/MF **A01**

**JINR-R-1-83-519**
Medium-Size Polarized Deuteron Target.
DE85701904 **25**-*559,502* PC **A02**/MF **A01**

**JINR-R-1-83-556**
Quasi-Elastic Scattering of Pions on sup 4 He.
DE84702314 **03**-*507,518* PC **A02**/MF **A01**

**JINR-R-1-83-564**
Experimental Study of the Pion-Xenon Nucleus Collisions at 3.5 GeV/C. Relative Intensities of Particle Emission.
DE84702872 **08**-*517,924* PC **A02**/MF **A01**

**JINR-R-1-83-565**
Azimuthal Correlations and Dibaryon States in the sup 4 Hep Yields Dppn Reaction.
DE84703237 **20**-*546,633* PC **A02**/MF **A01**

**JINR-R-1-83-568**
Experimental Study of the Pion-Xenon Nucleus Collisions at 3.5 GeV/C. Neutral Pion Production.
DE84702873 **08**-*517,925* PC **A02**/MF **A01**

**JINR-R-1-83-571**
Experimental Investigation of Proton Pairs Direct Knock-out from Nuclei by 640 MeV Protons.
DE84703386 **09**-*520,396* PC **A02**/MF **A01**

**JINR-R-1-83-577**
Central Nuclear Collisions of He and C with Ag and Br at 4.5 A GeV/C Momentum.
DE84702874 **08**-*517,926* PC **A02**/MF **A01**

**JINR-R-1-83-733**
Associative Production of Particles with a Large Transverse Momentum in sup 12 C- sup 181 Ta Interactions at P = 4,2 GeV/C Per Nuclei.
DE85700148 **10**-*523,014* PC **A02**/MF **A01**

**JINR-R-1-83-742**
Application of Holography in High-Resolution Track Detectors. Bubble and Streamer Chambers.
DE85701106 **22**-*551,110* PC **A02**/MF **A01**

**JINR-R-1-83-805**
Multiplicity Distributions of the pi exp 0 -Mesons in DTa and CTa Interactions at 4.2 GeV/C Per Nucleon.
DE84703364 **09**-*520,377* PC **A02**/MF **A01**

**JINR-R-1-83-823**
Fragmentation of Quarks and Diquarks in pi exp - p Interactions at P = 40 GeV/C.
DE84703365 **09**-*520,378* PC **A02**/MF **A01**

**JINR-R-1-83-832**
Charmed Particle Decay and Selection Rules for Elementary Particles.
DE84703222 **09**-*520,345* PC **A02**/MF **A01**

**JINR-R-1-83-853**
Determination of Parameters of the Muon Catalysis Process from Thee Analysis of Experimental Time Distribution of Successively Detected Events of Fusion Reactions.
DE85701830 **26**-*561,815* PC **A02**/MF **A01**

**JINR-R-1-83-894**
Observation of Ultrarelativistic Positroniums.
DE85701155 **20**-*546,734* PC **A02**/MF **A01**

**JINR-R-1-84-79**
Quark and Diquark Fragmentation into Strange Particles in pi exp - p Interactions at p = 40 GeV/C.
DE85700858 **20**-*546,719* PC **A02**/MF **A01**

**JINR-R-1-84-311**
Measurement of Polarization in the pi exp - p Yields pi sup 0 N, pi sup 0 Yields 2 gamma Reaction at the Momentum of 40 GeV/C with Detection of All Reaction Products.
DE85701800 **25**-*559,598* PC **A02**/MF **A01**

**JINR-R-1-84-532**
Free Path Length of Neon-22 Fragments in Photoemulsion at 4.1 A GeV/C Momentum and Anomalon Problem.
DE85701845 **26**-*561,830* PC **A02**/MF **A01**

**JINR-R-1-84-546**
Wide-GAP Drift Chamber with Field-Forming Electrodes on Fibreglass.
DE85781285 **25**-*559,000* PC **A02**/MF **A01**

**JINR-R-1-84-552**
Total Disintegration of Lead Nuclei by sup 12 C Nuclei at 4.5 A GeV/C Momentum.
DE85701855 **26**-*561,840* PC **A02**/MF **A01**

**JINR-R-1-84-657**
Experimental Study on the pi exp + p Yields K exp + sigma exp + Reaction at 12 GeV/C.
DE85701801 **25**-*559,599* PC **A02**/MF **A01**

**JINR-R-1-84-658**
Differential Cross Section of the pi exp + p Yields K exp + sigma exp + (1385) Reacton at 12 GeV/C.
DE85701802 **25**-*559,600* PC **A02**/MF **A01**

**JINR-R-2-82-647**
Embedding Equations for the Relativistic String World Sheet in the Many-Dimensional Spaces.
DE84701383 **03**-*507,419* PC **A02**/MF **A01**

**JINR-R-2-82-913**
Six-Quark Admixtures in Two-Nucleon Systems.
DE84702446 **09**-*520,318* PC **A02**/MF **A01**

**JINR-R-2-82-914**
Vacuum Corrections to QCD Sum Rules for Charmonium.
DE84702627 **03**-*507,543* PC **A02**/MF **A01**

**JINR-R-2-83-52**
Circular Relativistic Motion of Two Identical Bodies.
DE84703059 **04**-*510,347* PC **A02**/MF **A01**

**JINR-R-2-83-117**
Cascade Mechanism of Inelastic Interactions of High-Energy Nuclei.
DE84702298 **03**-*507,502* PC **A02**/MF **A01**

**JINR-R-2-83-199**
Strange Particle Production in the Heavy Ion Collision and the Chemical Equilibrium.
DE84702243 **03**-*507,464* PC **A02**/MF **A01**

**JINR-R-2-83-218**
Spin Effects in Charge-Exchange Reactions with Relativistic Ions.
DE84702097 **03**-*507,440* PC **A02**/MF **A01**

**JINR-R-2-83-231**
Circular Relativistic Motion of Two Identical Bodies.
DE84702176 **03**-*507,687* PC **A02**/MF **A01**

**JINR-R-2-83-280**
Integrable Systems as Nonlinear Realizations of Infinite Dimensional Symmetries. The Liouville Equation.
DE84702600 **03**-*506,528* PC **A02**/MF **A01**

**JINR-R-2-83-302**
Radiative Corrections for the Casimir Effect.
DE84702748 **08**-*518,071* PC **A02**/MF **A01**

**JINR-R-2-83-310**
Current and Constituent Quark Masses in a Four-Quark Interaction Model.
DE84702810 **08**-*517,874* PC **A02**/MF **A01**

**JINR-R-2-83-312**
Common Self-Similar Analysis of Longitudinal and Transverse Semi-Inclusive Distributions in Anti Pp Collisions at Sqrt S = 540 GeV.
DE84702433 **01**-*502,488* PC **A02**/MF **A01**

**JINR-R-2-83-324**
Simulation of Inelastic High Energy Hadron Collisions.
DE84702244 **03**-*507,465* PC **A02**/MF **A01**

**JINR-R-2-83-336**
K Factor for the Two-Photon Production of Hadron Jets.
DE84702082 **03**-*507,426* PC **A02**/MF **A01**

**JINR-R-2-83-348**
OPEM3-Program to Calculate Differential Spectra of Pions in the Pp Yields Np pi exp + Reaction at Energies Up to 1 GeV. Description of the Program.
DE84702393 **03**-*507,527* PC **A02**/MF **A01**

**JINR-R-2-83-376**
Coloured Solitons in Stable Medium.
DE85700626 **20**-*546,916* PC **A02**/MF **A01**

**JINR-R-2-83-420**
Violation of Isospin Invariance.
DE84702083 **03**-*507,427* PC **A02**/MF **A01**

**JINR-R-2-83-438**
One-Loop Electroweak Corrections to Cross Sections of nu sub( Mu )(Anti nu sub( Mu ))e Scattering Processes.
DE85700844 **18**-*541,806* PC **A02**/MF **A01**

**JINR-R-2-83-439**
Polarization in the Elastic eD Scattering at Large Momentum Transfers and the Quark Structure of a Deuteron.
DE84702299 **03**-*507,503* PC **A02**/MF **A01**

**JINR-R-2-83-456**
Phenomenological Analysis of Hadron Production Processes with Large Psub(T) in QCD.
DE84702434 **01**-*502,489* PC **A02**/MF **A01**

**JINR-R-2-83-457**
Color Scalar Production with Large Transverse Momenta.
DE84702245 **03**-*507,466* PC **A02**/MF **A01**

**JINR-R-2-83-459**
Nonholomorphicity of Functions Defining the Differential Equation of the Iterative Group of the Chew-Low Equations.
DE84702177 **03**-*507,449* PC **A02**/MF **A01**

**JINR-R-2-83-465**
Supersymmetric Parton Scattering at High Momentum Transfer.
DE84702246 **03**-*507,467* PC **A02**/MF **A01**

**JINR-R-2-83-475**
Two-Dimensional Hydrogen Atom. Elliptic Basis.
DE84702178 **03**-*505,867* PC **A03**/MF **A01**

**JINR-R-2-83-506**
Internal Symmetry Group of the Wave Equation Defined by the External Differential Operator.
DE84702465 **01**-*502,584* PC **A02**/MF **A01**

**JINR-R-2-83-507**
Logarithmic and Power Scaling Violatian in Lepton Deep Inelastic Scattering. Data Analysis.
DE85700845 **18**-*541,807* PC **A02**/MF **A01**

**JINR-R-2-83-508**
Vector-Meson Contribution to the Isovector Electric Nucleon Form Factor.
DE84703223 **10**-*522,994* PC **A02**/MF **A01**

**JINR-R-2-83-524**
Conformally Invariant Theory of Vector and Bivector Fields.
DE84702406 **01**-*502,575* PC **A02**/MF **A01**

**JINR-R-2-83-542**
Reduction in the Relativistic String Model for the D-Dimensional Space-Time.
DE84702407 **01**-*502,576* PC **A02**/MF **A01**

**JINR-R-2-83-544**
Stochastic Method of Calculation of Nucleus-Nucleus Scattering Characteristics in the Eikonal Approach.
DE84702098 **03**-*507,441* PC **A02**/MF **A01**

**JINR-R-2-83-545**
Higher QCD Corrections to the Bjorken Sum Rule.
DE84702247 **03**-*507,468* PC **A02**/MF **A01**

**JINR-R-2-83-559**
Width of the Higgs Boson Decay into Hadrons: Three-Loop Corrections of Strong Interactions.
DE84702435 **01**-*502,490* PC **A02**/MF **A01**

**JINR-R-2-83-575**
Analog of the Feynman-Gell-Mann Equation and Exact Solution of the Relativistic Coulomb Problem for a 3/2 Spin Charged Particle.
DE84703320 **09**-*520,631* PC **A02**/MF **A01**

**JINR-R-2-83-580**
Some Illustrative Examples of Mayer's Interference in the Path Integral.
DE84702601 **03**-*507,717* PC **A02**/MF **A01**

**JINR-R-2-83-586**
Experimental Display of Relativistic Transformations for Length and Time.
DE84702408 **01**-*502,577* PC **A02**/MF **A01**

**JINR-R-2-83-601**
Kaon Polarizability.
DE84702248 **03**-*507,469* PC **A02**/MF **A01**

**JINR-R-2-83-607**
Multiple Coulomb Scattering of Ultrarelativistic Charged Particles Moving at Small Angles to the Crystallographic Planes.
DE84702420 **01**-*502,358* PC **A02**/MF **A01**

**JINR-R-2-83-638**
Einstein Identities and Wave Equation.
DE84702602 **03**-*507,718* PC **A02**/MF **A01**

**JINR-R-2-83-649**
Relativistic Hamiltonian with Square Root in the Path Integral Formalism.
DE84702603 **03**-*507,719* PC **A02**/MF **A01**

**JINR-R-2-83-656**
Phenomenological Approximation of the Inclusive Resonance Production Cross Section in Inelastic N-N and pi -N Collisions.
DE84702628 **03**-*507,544* PC **A02**/MF **A01**

**JINR-R-2-83-701**
Radiative Decays of the PHI-, E-, D and A sub 1 -Mesons.
DE84702811 **08**-*517,875* PC **A02**/MF **A01**

**JINR-R-2-83-708**
Affinity Condition in Two-Loop Approximation in the Nonlocal Quark Model.
DE84702812 **08**-*517,876* PC **A02**/MF **A01**

**JINR-R-2-83-713**
Dynamics of Multiphoton Processes in Two-Level Systems.
DE84702604 **03**-*507,720* PC **A02**/MF **A01**

**JINR-R-2-83-720**
Epsilon-Expansion for Critical Exponents.
DE84702605 **03**-*507,721* PC **A02**/MF **A01**

**JINR-R-2-83-721**
Evolution Kernel for the Pion Wave Function: Two-Loop Calculation in the Feynman Gauge.
DE85700668 **20**-*546,681* PC **A02**/MF **A01**

**JINR-R-2-83-727**
Possibility of the Existence of New Radial Excitations of the Systems Formed of Light Quarks.
DE84702813 **08**-*517,877* PC **A02**/MF **A01**

**JINR-R-2-83-735**
Some Consequences of the Independence of Quark (Subquark) Interaction Through the Yang-Mills Fields on the Flavour.
DE84702814 **08**-*517,878* PC **A02**/MF **A01**

**JINR-R-2-83-746**
Description of Structure Functions of Mesons in Relativistic Theory of Bound States.
DE84703352 **09**-*520,365* PC **A02**/MF **A01**

**JINR-R-2-83-749**
Six-Group-Admixture in the Form Factor of the sup 3 He Nucleus at Large Transfer Momenta.
DE84703373 **09**-*520,384* PC **A02**/MF **A01**

**JINR-R-2-83-768**
Role of the delta -Resonance in Intranuclear Cascades.
DE84703500 **09**-*520,407* PC **A02**/MF **A01**

**JINR-R-2-83-769**
Monte Carlo Simulation of Multiple Production at High Energy Hadron Collisions.
DE85700669 **20**-*546,682* PC **A02**/MF **A01**

**JINR-R-2-83-780**
Proof for Equivalence of Two Approaches to Finding the Multiplicity under Momentum Addition.
DE84702749 **08**-*517,865* PC **A02**/MF **A01**

**JINR-R-2-83-781**
Born-Infeld Theory as a Part of the Einstein Unified Field Theory.
DE85700629 **20**-*546,919* PC **A02**/MF **A01**

**JINR-R-2-83-818**
One-Loop Electroweak Corrections to Neutrino-Electron Elastic Scattering.
DE84703494 **09**-*520,402* PC **A02**/MF **A01**

**JINR-R-2-83-833**
Proton Decay in the SU(5) Model of Grand Unification.
DE85700670 **20**-*546,683* PC **A02**/MF **A01**

**JINR-R-2-83-842**
QCD Sum Rules of the Finite Energy Type.
DE85701779 **25**-*559,751* PC **A02**/MF **A01**

**JINR-R-2-83-843**
Value of lambda Parameter. Model-Independent Formulation of QCD Predictions for Deep Inelastic Scattering.
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**JINR-R-2-83-844**
Quantum Field Theory and a New Universal High Energy Scale.
DE85700630 **20**-*546,920* PC **A02**/MF **A01**

**JINR-R-2-83-864**
Quantization of Supertwistors.
DE84702750 **08**-*518,072* PC **A02**/MF **A01**

**JINR-R-2-83-869**
Application of Stochastic Calculation Methods in Modern Problems of Quantum Field Theory.
DE84702751 **08**-*518,073* PC **A02**/MF **A01**

**JINR-R-2-83-872**
Quantum Mechanics and Hopf Fibre Bundles. Green Function.
DE85700976 **22**-*551,717* PC **A02**/MF **A01**

**JINR-R-2-83-886**
Effective Method of Quark Propagator Calculation in the Lattice Quantum Chromodynamics.
DE84702815 **08**-*517,879* PC **A02**/MF **A01**

**JINR-R-2-83-897**
Deviation Equations in Spaces with Affine Connection.
DE85700802 **18**-*541,853* PC **A02**/MF **A01**

**JINR-R-2-83-899**
Hidden Symmetry. Separation of Variables and Interbasis Expansions in the Two-Dimensional Hydrogen Atom.
DE85700985 **22**-*550,013* PC **A02**/MF **A01**

**JINR-R-2-83-916**
Multiparton Distributions in Hadrons.
DE85700654 **20**-*546,667* PC **A02**/MF **A01**

**JINR-R-2-84-5**
Pion Photoproduction in a Model of Composite Mesons.
DE85700851 **20**-*546,712* PC **A02**/MF **A01**

**JINR-R-2-84-10**
Description of pi Meson Structure Functions in a Relativistic Theory of Bound States.
DE85701780 **25**-*559,578* PC **A02**/MF **A01**

**JINR-R-2-84-40**
Description of Composite Meson Decay in the Hamiltonian Covariance Formulation of Field Theory.
DE85700846 **18**-*541,808* PC **A02**/MF **A01**

**JINR-R-2-84-63**
Electrodynamics Without Gauge Conditions.
DE85700810 **18**-*541,860* PC **A02**/MF **A01**

**JINR-R-2-84-64**
Analysis of Experimental Semi-Inclusive Distributions at the SPS Collider Energies.
DE85701782 **25**-*559,580* PC **A02**/MF **A01**

**JINR-R-2-84-71**
Connection of Space and Time Coordinates.
DE85700803 **18**-*541,854* PC **A02**/MF **A01**

**JINR-R-2-84-78**
Density and Entropy of the Pion Excitations in the Nuclear Matter.
DE85701017 **22**-*551,586* PC **A02**/MF **A01**

**JINR-R-2-84-81**
Inverse Scattering Method. Hypotheses and Facts.
DE85701542 **24**-*556,934* PC **A02**/MF **A01**

**JINR-R-2-84-97**
Lee Model in the Evolution in Coupling Constant Method.
DE85700811 **18**-*541,861* PC **A02**/MF **A01**

**JINR-R-2-84-109**
Quantum Field Theory and a New Universal High Energy Scale. Gauge Vector Fields.
DE85700809 **18**-*541,859* PC **A03**/MF **A01**

**JINR-R-2-84-114**
Investigation of Properties of Pion Excitations in Nuclear Matter for Different Effective pi pi -Interactions.
DE85700867 **20**-*546,726* PC **A02**/MF **A01**

**JINR-R-2-84-115**
Canonical Quantization of Electrodynamics with Boundary Conditions.
DE85701561 **24**-*556,952* PC **A02**/MF **A01**

**JINR-R-2-84-163**
Twist Effects and Quark-Quark Correlations in Nucleon. On a Possibility of Experimental Investigation by Means of JINR-IHEP Neutrino Detector.
DE85700850 **20**-*546,711* PC **A02**/MF **A01**

**JINR-R-2-84-172**
Substantiation of the Renormalizability Criterion in Quantum Field Theory.
DE85701562 **24**-*556,953* PC **A02**/MF **A01**

**JINR-R-2-84-211**
Elliptic Basis of Circular Oscillator.
DE85700798 **18**-*541,850* PC **A02**/MF **A01**

**JINR-R-2-84-229**
New Procedure for Finite-Dimensional Approximations of Path Integrals.
DE85701729 **25**-*559,742* PC **A02**/MF **A01**

**JINR-R-2-84-232**
Nonleptonic Decays of Charged Baryons in Chiral Theory (Account for Baryon Poles).
DE85701003 **22**-*551,575* PC **A02**/MF **A01**

**JINR-R-2-84-265**
Quantum Field Theory and a New Universal High Energy Scale. Dirac Fields.
DE85701563 **24**-*556,954* PC **A03**/MF **A01**

**JINR-R-2-84-383**
Relativistic Covariant Single-Time Equation for ( Pi mu ) Atom.
DE85701739 **25**-*559,567* PC **A02**/MF **A01**

**JINR-R-2-84-412**
Q Sub 1 Yields K(p, omega ) Decays of Q sub 1 -Meson.
DE85701781 **25**-*559,579* PC **A02**/MF **A01**

**JINR-R-2-84-458**
Stochastic Quantization of Abelian Fields.
DE85701730 **25**-*559,743* PC **A02**/MF **A01**

**JINR-R-2-84-466**
About Quantum Energy-Momentum Tensor for the Thirring Model.
DE85701731 **25**-*559,744* PC **A02**/MF **A01**

**JINR-R-2-84-672**
Hybrid Model of the Chiral Field and Relativistic String.
DE85701732 **25**-*559,745* PC **A02**/MF **A01**

**JINR-R-3-82-145**
Determination of the Ultracold Neutron Mirror Reflection Coefficient for a Glass Surface.
DE84702633 **04**-*510,265* PC **A02**/MF **A01**

**JINR-R-3-83-133**
Direct Calculation of the Probabilities of Magnetic Dipole Transitions for the Three-Valent Rare Earth Ions in the Crystalline Electric Field with Hexagonal Symmetry.
DE84701674 **09**-*520,705* PC **A02**/MF **A01**

**JINR-R-3-83-243**
Study of the (N, alpha )Reaction on sup 143 Nd and sup 147 Sm with Neutron Energy of High Resolution.
DE84702453 **01**-*502,504* PC **A02**/MF **A01**

**JINR-R-3-83-407**
Correlation Between Intensities of the Two-Quanta Cascades in the sup 164 Dy(n,2 gamma ) sup 165 Dy Reaction and Effective Cross Sections of the sup 164 Dy(d,p) sup 165 Dy Reaction.
DE84702316 **03**-*507,520* PC **A02**/MF **A01**

**JINR-R-3-83-470**
Observation of the Spin-Orbital Splitting of the Neutron Strength Function 3P Maximum.
DE84702317 **03**-*507,521* PC **A02**/MF **A01**

**JINR-R-3-83-634**
Gamma Spectra in the sup 81 Br, sup 117 Sn and sup 139 La Neutron Resonances Non-Conservating Parity.
DE84702876 **08**-*517,927* PC **A02**/MF **A01**

**JINR-R-3-83-820**
Chemical Shifts of sup 235 U and sup 234 U Neutron Resonances.
DE85700090 **09**-*520,526* PC **A02**/MF **A01**

**JINR-R-3-83-892**
Search for the Phonon Analog of Cherenkov Radiation at the Neutron Passage Flight Through Matter.
DE85701804 **25**-*559,099* PC **A02**/MF **A01**

**JINR-R-3-84-42**
Right-Left Asymmetry of gamma Quanta Yield in a Neutron Resonance of sup 117 Sn with Parity Nonconservation.
DE85701848 **26**-*561,833* PC **A02**/MF **A01**

**JINR-R-3-84-219**
Modulation of Ultracold Neutron Flux by Means of Thin-Film Ferromagnetic Shutter.
DE85781307 **25**-*559,509* PC **A02**/MF **A01**

**JINR-R-3-84-668**
Differential Neutron Scattering Cross Sections and Average Neutron Parameters of Cadmium Isotopes.
DE85701849 **26**-*561,834* PC **A02**/MF **A01**

**JINR-R-3-84-669**
Measurements of Total Cross Sections of Molybdenum and Cadmium in the 20-1100 KeV Range on Neutron Filtered Beam.
DE85701850 **26**-*561,835* PC **A02**/MF **A01**

**JINR-R-4-82-934**
K Nonconservation in Neutron Resonances and Spin Dependence of Neutron Strength Functions of Deformed Nuclei.
DE84702847 **08**-*517,904* PC **A02**/MF **A01**

**JINR-R-4-83-89**
Elastic Scattering Processes in the Three-Particle System with Coulomb Interaction.
DE85700693 **20**-*546,703* PC **A02**/MF **A01**

**JINR-R-4-83-174**
Low-Lying 1 exp - States in Spherical Nuclei.
DE84702300 **03**-*507,504* PC **A02**/MF **A01**

**JINR-R-4-83-189**
Resonance Damping of Anomalous Transmission of Neutrons Through Crystals at Laue Diffraction.
DE84702610 **04**-*510,174* PC **A02**/MF **A01**

**JINR-R-4-83-220**
Nonadditive Probabilities and Bell's Inequality.
DE84702606 **03**-*507,722* PC **A02**/MF **A01**

**JINR-R-4-83-279**
Analytical Folding Potentials and Heavy Ion Interaction.
DE84702860 **09**-*520,323* PC **A02**/MF **A01**

**JINR-R-4-83-379**
P Nonconservation Effects in Radiative Capture Cross Sections.
DE84702447 **01**-*502,499* PC **A02**/MF **A01**

**JINR-R-4-83-403**
Off-Energy-Shell Effects in the Elastic Pion-Nucleus Scattering.
DE85700690 **20**-*546,700* PC **A02**/MF **A01**

**JINR-R-4-83-418**
Motion of Classical Integrable Systems of Interacting Particles in an External Field.
DE84702179 **03**-*507,688* PC **A02**/MF **A01**

**JINR-R-4-83-461**
Soliton Type Solutions in Nuclear Hydrodynamics. Nuclear Matter.
DE84702448 **01**-*502,500* PC **A02**/MF **A01**

**JINR-R-4-83-463**
Two-Quasiparticle State Strength Distribution in Sn Isotopes.
DE84703374 **09**-*520,385* PC **A02**/MF **A01**

**JINR-R-4-83-466**
Phase and Amplitude Functions for Long-Range Potentials Which Admit the Separation of Variables in the Schroedinger Equation in Extracted Spheroidal Coordinates.
DE84702180 **03**-*507,689* PC **A02**/MF **A01**

**JINR-R-4-83-494**
Pole Representation of NN Scattering P-Matrix.
DE84702249 **03**-*507,470* PC **A02**/MF **A01**

**JINR-R-4-83-495**
P-Matrix Approximation of Nucleon-Nucleon Scattering S-Phase Shifts.
DE84702250 **03**-*507,471* PC **A02**/MF **A01**

**JINR-R-4-83-539**
Study on the Elementary Amplitudes in the sup 12 C( gamma , pi exp + ) and sup 16 0( Gamma , pi exp + ) Reactions.
DE85700691 **20**-*546,701* PC **A02**/MF **A01**

**JINR-R-4-83-547**
Density Approximation of Ground and Excited States of Light Nuclei.
DE84702848 **08**-*517,905* PC **A02**/MF **A01**

**JINR-R-4-83-560**
Annihilation of Antiprotons in Deuterium with Emission of Single Pions and in Helium with Emission of Two Pions.
DE85701783 **25**-*559,581* PC **A02**/MF **A01**

**JINR-R-4-83-593**
Theory of Low-Energy Pion-Nucleus Scattering.
DE85701192 **20**-*546,744* PC **A02**/MF **A01**

**JINR-R-4-83-600**
Total Radiative Widths of Neutron Resonances and Photon Dipole Strength Function of Compound-Compound gamma Transitions.
DE84702849 **08**-*517,906* PC **A02**/MF **A01**

**JINR-R-4-83-654**
M2 Transitions in Odd Tin Isotopes.
DE84702449 **01**-*502,501* PC **A02**/MF **A01**

**JINR-R-4-83-661**
Initial Stage of Heavy Ion Interaction and Kinetic Energy Dissipation Mechanism.
DE85700692 **20**-*546,702* PC **A02**/MF **A01**

**JINR-R-4-83-683**
Nuclear Form Deformation and Effective Fusion Barriers.
DE84703501 **09**-*520,408* PC **A02**/MF **A01**

**JINR-R-4-83-723**
Description of Charge-Exchange Resonances in Deformed Nuclei.
DE84702850 **08**-*517,907* PC **A02**/MF **A01**

**JINR-R-4-83-741**
Multinucleon Transfer in the Reactions of Reavy-Ion Deep Inelastic Collisions.
DE84703375 **09**-*520,386* PC **A02**/MF **A01**

**JINR-R-4-83-796**
Superradiance and Radiation Confinement in a Model of N Oscillatory Atoms.
DE85700627 **20**-*546,917* PC **A02**/MF **A01**

**JINR-R-4-83-799**
Relation of the Rotational Motion with Axial Vibrations of Multipolarity 2 and 4.
DE84703502 **09**-*520,409* PC **A02**/MF **A01**

**JINR-R-4-83-814**
Making Allowance of Pauli Principle at Investigation of Vibrational State Anharmonicity in Deformed Nuclei.
DE84702851 **08**-*517,908* PC **A02**/MF **A01**

**JINR-R-4-84-15**
Description of ( sup 7 Li, sup 7 Be) Charge-Exchange Reactions within the Framework of Microscopic DWBA.
DE85701020 **22**-*551,589* PC **A02**/MF **A01**

**JINR-R-4-84-18**
Calculation of Total Cross Sections of the Hadron- Nucleus Interaction at Low Energies.
DE85701831 **26**-*561,816* PC **A02**/MF **A01**

**JINR-R-4-84-28**
Finite-Dimensional Approximation of a Differential Operator in Problems of Quantum Mechanics.
DE85700799 **18**-*541,851* PC **A02**/MF **A01**

**JINR-R-4-84-45**
Successively Detected Events of the Multiple Muon Catalysis Process.
DE85701834 **26**-*561,819* PC **A02**/MF **A01**

**JINR-R-4-84-100**
To the Theory of Scattering by Two Potentials.
DE85700977 **22**-*551,718* PC **A02**/MF **A01**

**JINR-R-4-84-135**
Description of Elambda - Transitions Taking into Account of Phonon Components in Wave Functions of Odd Deformed Nuclei.
DE85701016 **22**-*551,585* PC **A02**/MF **A01**

**JINR-R-4-84-151**
Correlations of Quasi Particles in the Deformed Nuclei Ground States.
DE85700866 **20**-*546,725* PC **A02**/MF **A01**

**JINR-R-4-84-247**
Extension of the Class of Integrable Dynamic Systems Connected with Semisimple Lie Algebras.
DE85701543 **24**-*556,935* PC **A02**/MF **A01**

**JINR-R-4-84-326**
Decay of Heavy Nuclei with Cluster Emission.
DE85701837 **26**-*561,822* PC **A02**/MF **A01**

**JINR-R-4-84-355**
Problem of Low Energy Neutron Inelastic Scattering on the sup 152 Sm Nucleus.
DE85701832 **26**-*561,817* PC **A02**/MF **A01**

**JINR-R-4-84-443**
Analysis of Form Factors of Electric Transitions in Light Nuclei with the Use of Electromagnetic Current Continuity Equation.
DE85701833 **26**-*561,818* PC **A02**/MF **A01**

**JINR-R-5-82-544**
Method of Inversion of a Special Class of Block Matrices.
DE84702708 **03**-*506,529* PC **A02**/MF **A01**

**JINR-R-5-82-682**
Applicability of the Queueing Systems with Infinite Number of Channels for Some High-Energy Physics Problems.
DE84702691 **01**-*502,158* PC **A02**/MF **A01**

**JINR-R-5-83-520**
Integral Equations and Addition Formulae for Polyspheroidal Periodical Functions.
DE84702409 **01**-*501,653* PC **A02**/MF **A01**

**JINR-R-5-83-873**
Limiting Properties of a Modified Counter with Prolonging Dead Time.
DE85700748 **22**-*551,094* PC **A02**/MF **A01**

**JINR-R-5-84-75**
Convergence of Expansions of Continuum Functions on Resonance Wave Functions.
DE85700788 **18**-*541,843* PC **A02**/MF **A01**

**JINR-R-5-84-541**
Covariant Bogolyubov Transformation and Quantum Excitation of Real Solitons.
DE85701721 **25**-*559,735* PC **A02**/MF **A01**

**JINR-R-6-83-245**
Continuous Thermochromatographic Separation of Platinum Element Radioisotopes in Air Flow from Nuclear Reaction Products on Accelerator Beams of Heavy Ions.
DE84702327 **03**-*505,871* PC **A02**/MF **A01**

**JINR-R-6-83-517**
Study on the Neutrino Properties in Radioactive Decays: Situation and Prospects. (Anti)Neutrino Mass.
DE85701594 **24**-*556,861* PC **A03**/MF **A01**

**JINR-R-6-83-518**
Study on the Neutrino Properties in Radioactive Decay: Situation and Prospects. Double beta Decay. Polarization Phenomena.
DE84703232 **10**-*522,997* PC **A03**/MF **A01**

**JINR-R-6-83-585**
Experiments on the Search for Superdense Cs and Fr Nuclei among the Products of Deuteron (4.3 GeV) and sup 3 He(11-15 GeV) Interactions with Th.
DE85700091 **09**-*520,527* PC **A02**/MF **A01**

**JINR-R-6-84-66**
Level Scheme of sup 144 Nd from the (n,2 gamma ) Reaction.
DE85701851 **26**-*561,836* PC **A02**/MF **A01**

**JINR-R-6-84-149**
Measurement of the Neutrino Helicity in the Decay of Sup(152M)Eu with Ge(LI) Detector.
DE85701010 **22**-*551,582* PC **A02**/MF **A01**

**JINR-R-6-84-422**
Search for Superheavy Elements in Thermal Waters of the Baikal Rift Zone.
DE85701839 **26**-*561,824* PC **A02**/MF **A01**

**JINR-R-6-84-554**
Sensitivity of Experiment on Search for Neutrinoless Double beta-Decay by Using Semiconductor Detectors.
DE85781329 **25**-*559,024* PC **A02**/MF **A01**

**JINR-R-7-82-630**
Production of Very Light Fragments in Deep Inelastic Collisions.
DE84702643 **03**-*507,557* PC **A02**/MF **A01**

**JINR-R-7-83-57**
Characteristic X-Radiation and Electron Binding Energies of Highly Charged Noble Gas Ions.
DE85700818 **18**-*540,345* PC **A02**/MF **A01**

**JINR-R-7-83-409**
Neutron Spectra and the Temperature of Excited Nuclei.
DE84702450 **01**-*502,502* PC **A02**/MF **A01**

**JINR-R-7-83-573**
K-Band of X-Ray Emission of Slow Ar exp + 17 Ions in a Solid Target.
DE84702418 **01**-*501,055* PC **A02**/MF **A01**

**JINR-R-7-83-627**
Measurement of Characteristic X-Ray Spectra Produced by Slow Hydrogen-Like Argon Ions Incident on Solid Targets.
DE85700830 **18**-*541,801* PC **A02**/MF **A01**

**JINR-R-7-83-667**
Measurement of Recoil Range of Heavy Actinides Produced in Multinucleon Transfer Reactions Induced by sup 22 Ne Ions.
DE85700876 **20**-*546,732* PC **A02**/MF **A01**

**JINR-R-7-83-809**
Experimental Determination of Time Components of the Tungsten Nucleus Fission by sup 16 O Ions.
DE84703387 **09**-*520,397* PC **A02**/MF **A01**

**JINR-R-7-84-68**
Decay of Highly Excited Compound Nuclei. A Statistical Approach.
DE85701021 **22**-*551,590* PC **A02**/MF **A01**

**JINR-R-8-83-60**
Surface Superconductivity of Nb-79% Zr Alloy.
DE84702619 **04**-*510,382* PC **A02**/MF **A01**

**JINR-R-8-83-373**
Cryogenic Current Leads with a Braiding Heat Exchanger.
DE85701768 **25**-*559,828* PC **A02**/MF **A01**

**JINR-R-9-82-486**
Effect of Beam Energy Losses on the Particle Dynamics in Superconducting Synchrotrons.
DE84702675 **01**-*502,446* PC **A02**/MF **A01**

**JINR-R-9-82-592**
Choice of the Injection Scheme with a Fast-Varying Magnetic Field in an Adhezator of a Collective Accelerator.
DE84702676 **06**-*514,108* PC **A02**/MF **A01**

**JINR-R-9-83-90**
Calculation of a Toroidal Magnet Field by the Finite Element Method.
DE85700605 **19**-*544,117* PC **A02**/MF **A01**

**JINR-R-9-83-349**
Distribution Functions for Multicharged Ions in Electron Beams.
DE84702677 **01**-*502,447* PC **A02**/MF **A01**

**JINR-R-9-83-361**
Interaction of Electron Bunch, Moving in Decelerating Structure with an Impulse of Accelerating Field of Finite Accumulated Energy.
DE84702678 **01**-*502,448* PC **A02**/MF **A01**

**JINR-R-9-83-451**
Investigation of Charge Exchange of Heavy Ions in Their Acceleration in the U-200, U-300 and U-400 Cyclotrons.
DE84780444 **01**-*502,455* PC **A02**/MF **A01**

**JINR-R-9-83-501**
Development of Laser Source of Neutral Atoms for a Collective Accelerator.
DE84702358 **01**-*502,442* PC **A02**/MF **A01**

**JINR-R-9-83-582**
Design Parameters of the JINR Model Superconducting Synchrotron.
DE85700724 **22**-*551,487* PC **A02**/MF **A01**

**JINR-R-9-83-719**
Orbit Parameters in the Central Region of the JINR Phasotron. Axial Motion.
DE84702955 **05**-*512,465* PC **A02**/MF **A01**

**JINR-R-9-83-777**
Heat Processes and Stability of a Superconducting Dipole at Pulsed Heating of Winding. Special Properties of Propagation of the Normal Zone.
DE84702799 **09**-*519,068* PC **A02**/MF **A01**

**JINR-R-9-83-784**
New Variant of the Ion-Optical Theory for Mass Spectrometers.
DE84703005 **04**-*509,841* PC **A02**/MF **A01**

**JINR-R-9-83-817**
Injection Channel of the SPIN Installation. Choice for Construction and Parameters.
DE84702957 **05**-*512,466* PC **A02**/MF **A01**

**JINR-R-9-83-836**
Operation Regimes of U-70 Synchrotron Intense Proton Beam Rebunching Station.
DE85700910 **20**-*546,547* PC **A02**/MF **A01**

**JINR-R-9-83-856**
KUTI-20 Accelerator. Commissioning of the SILUND-20 - Adgezator- 20 Complex in the Electron Ring Compression Regime.
DE85700911 **20**-*546,548* PC **A02**/MF **A01**

**JINR-R-9-83-862**
Electron-Ion Ring Components Separation and Measurement of Characteristics of Ion Fluxes on the KUTI Prototype.
DE85700909 **20**-*546,546* PC **A02**/MF **A01**

**JINR-R-9-83-920**
Conditions for Electron Beam Matched Injection in Collective Accelerator Adgezator.
DE85701066 **24**-*556,756* PC **A02**/MF **A01**

**JINR-R-9-84-25**
Magnetic Field Bump in the Central Region of the JINR Phasotron.
DE85700913 **20**-*546,550* PC **A02**/MF **A01**

**JINR-R-9-84-152**
Central Magnetic Field Shaping for the JINR Phasotron.
DE85700917 **20**-*546,554* PC **A02**/MF **A01**

**JINR-R-9-84-155**
Calculation and Modelling (Scale 1:5) of Magnetic Field of Orbit Expansion System in a Sector Cyclotron.
DE85700918 **20**-*546,555* PC **A02**/MF **A01**

**JINR-R-9-84-169**
Flat-Top Acceleration Regime in the Electron Mode of the Ring Cyclotron.
DE85700912 **20**-*546,549* PC **A02**/MF **A01**

**JINR-R-9-84-254**
Study on Characteristics of Valves for Pulsed Gas Feed into a Cyclotron Multicharged Ion Source.
DE85701896 **25**-*559,498* PC **A02**/MF **A01**

**JINR-R-9-84-270**
Nonlinear Theory of Relativistic Electron Beam Interaction with a Slow Electromagnetic Wave.
DE85701647 **25**-*559,487* PC **A02**/MF **A01**

**JINR-R-9-84-631**
Investigation of the SILUND-20 Electron Linear Induction Accelerator Beam.
DE85701890 **25**-*559,495* PC **A02**/MF **A01**

**JINR-R-9-11255**
Vacuum Production in a Collective Accelerator.
JINR-R-9-11255 **20**-*546,577* PC **A02**/MF **A01**

**JINR-R-10-82-653**
Data Compression at a Filmless Data Output from a Streamer Chamber. Pt. 3. Software Imitator of the ASD Special Processor.
DE84701636 **01**-*502,149* PC **A02**/MF **A01**

**JINR-R-10-83-527**
Sector Scanning by Charge-Coupled Device Matrix.
DE84702690 **01**-*501,327* PC **A02**/MF **A01**

**JINR-R-10-83-612**
Main Algorithms and Structure of the FILTR Program.
DE84702391 **03**-*507,525* PC **A02**/MF **A01**

**JINR-R-10-83-759**
System for the Magnetic Spark Spectrometer (MIS JINR) Data Processing. Geometry. Search for Interaction Vertex. Kinematics. System Efficiency.
DE84703019 **03**-*506,982* PC **A02**/MF **A01**

**JINR-R-10-84-440**
Software for Data Acquisition System of the DN-2 Diffractometer at the IBR-2 Pulsed Reactor.
DE85781305 **25**-*559,018* PC **A02**/MF **A01**

**JINR-R-11,83-146**
MULTIMODE Package of Service Programs for Numerical Simulation of Axisymmetric and Longitudinally Homogeneous Electromagnetic Resonators. Algorithms and Realization for the ES Computer Operational System.
DE84780471 **01**-*501,268* PC **A02**/MF **A01**

**JINR-R-11-83-505**
About Oscillation Regimes of a Three-Dimensional Nonlinear Oscillator.
DE84702755 **08**-*518,075* PC **A02**/MF **A01**

**JINR-R-11-83-572**
Standardization of Calculation Programs for the Faddeev Equations as Illustrated by the Elastic Pion-Deuteron Scattering.
DE84702392 **03**-*507,526* PC **A02**/MF **A01**

**JINR-R-11-83-591**
Peculiarities of Angular and Energy Spectra of Particles in a Magnetic Field with a Dipole Configuration.
DE84702341 **03**-*505,399* PC **A02**/MF **A01**

**JINR-R-11-83-870**
Interactions of the Soliton-Like Objects in the Framework of the Nonlinear Schroedinger Equation.
DE84702747 **08**-*518,070* PC **A02**/MF **A01**

**JINR-R-11-83-871**
Numerical Algorithm and Code for Studying the U(1,1) Nonlinear Schroedinger Equation.
DE84703047 **03**-*507,724* PC **A02**/MF **A01**

**JINR-R-11-83-893**
Two-Dimensional Magnetic Field Numerical Simulation of 3 T Superconducting Dipole with Iron Yoke.
DE85701061 **24**-*555,474* PC **A02**/MF **A01**

**JINR-R-12-83-492**
Preparation of Sources for alpha -Spectrometry of Mendelevium Isotopes (Electrolytic Precipitation of Mendelevium from alpha -Hydroxyisobutyrate Solutions).
DE84702344 **01**-*501,054* PC **A02**/MF **A01**

**JINR-R-13-83-215**
Measuring Module for the Ultracold Neutron Channel of the IBR-2 Pulsed Reactor Using a Microcomputer.
DE84702369 **01**-*502,303* PC **A02**/MF **A01**

**JINR-R-13-83-471**
Frequency Characteristics of the IBR-2 Fast Pulsed Reactor Power Feedback.
DE84780453 **01**-*502,263* PC **A02**/MF **A01**

**JINR-R-13-83-472**
Digital 3-Channel Analyzer in the CAMAC Standard.
DE84780460 **01**-*502,166* PC **A02**/MF **A01**

**JINR-R-13-83-473**
Mini-Computer Controlled Measuring Electronics and Software Package for Crystal Diffraction Spectrometer.
DE84702372 **02**-*504,482* PC **A02**/MF **A01**

**JINR-R-13-83-474**
Mini-Computer Control of a Crystal Diffraction Spectrometer.
DE84780461 **01**-*501,966* PC **A02**/MF **A01**

**JINR-R-13-83-502**
Energy Distribution of Laser Plasma Neutral Atoms.
DE84702217 **03**-*507,660* PC **A02**/MF **A01**

**JINR-R-13-84-59**
Liquid Tritium Target with Temperature Variation in the 20.6 < T < 40 K Range.
DE85701905 **25**-*559,503* PC **A02**/MF **A01**

**JINR-R-13-84-239**
Problem of Self-Quenching Streamer and Limited-Geiger Modes in Wire Detectors.
DE85781286 **25**-*559,001* PC **A02**/MF **A01**

**JINR-R-13-84-249**
Shock Tensometer for Multiwire Chambers.
DE85781287 **25**-*559,002* PC **A02**/MF **A01**

**JINR-R-13-84-285**
Holographic Bubble Chamber in a Proton Beam.
DE85781288 **25**-*559,003* PC **A02**/MF **A01**

**JINR-R-13-84-294**
LIDIA High-Sensitivity Mass Spectrometer.
DE85781328 **25**-*559,659* PC **A02**/MF **A01**

**JINR-R-13-84-454**
System for Automation of Experiments on the Search for Rare Nuclear Decay Events by Detecting Multiple Neutron Emission.
DE85781306 **25**-*559,019* PC **A02**/MF **A01**

**JINR-R-14-83-80**
Structure Damage of GaP Monocrystals Induced by Heavy Ions.
DE84702197 **03**-*507,370* PC **A02**/MF **A01**

**JINR-R-14-83-855**
Investigation of Phase Transitions in a Superionic Conductor Using the Neutron Scattering Method.
DE85701030 **22**-*551,251* PC **A02**/MF **A01**

**JINR-R-14-83-898**
Small-Angle Neutron Scattering Installation Based on Time-of-Flight Method on IBR-2 Reactor.
DE85700952 **20**-*546,137* PC **A02**/MF **A01**

**JINR-R-14-84-414**
Thermal Neutron Scattering in MBBA and EBBA Solid Phases.
DE85701803 **25**-*557,986* PC **A02**/MF **A01**

**JINR-R-15-83-442**
Effect of Coherent Energy Width at the Proton Capture by a sup 12 C Nucleus.
DE84702315 **03**-*507,519* PC **A02**/MF **A01**

**JINR-R-15-83-859**
Energy Levels of sup 175 Yb from the sup 174 Yb(n,2 gamma ) Reaction.
DE85700703 **22**-*551,571* PC **A02**/MF **A01**

**JINR-R-16-83-901**
Energy Dependence of the gamma Detection Efficiency for CaSO sub 4 (Dy) and BaSO sub 4 (Dy) Thermoluminescent Detectors.
DE85700750 **22**-*551,095* PC **A02**/MF **A01**

**JINR-R-17-83-528**
Integration of PHI exp 4 Model in Elliptic Jacobi Functions and Their Study by the Phase Plane Method.
DE84702405 **01**-*502,574* PC **A02**/MF **A01**

**JINR-R-17-83-622**
Approximating Hamiltonian Method for an Infinite-Mode Dicke Maser Model with the A exp 2 -Term.
DE85700619 **20**-*546,911* PC **A02**/MF **A01**

**JINR-R-17-83-648**
Intensity of Superradiant Generation in Two-Level Systems.
DE85700620 **20**-*546,912* PC **A02**/MF **A01**

**JINR-R-17-83-678**
Kink-Like Solution in U(1,1) Symmetry Bose-Condensate.
DE84702599 **03**-*507,716* PC **A02**/MF **A01**

**JINR-R-18-84-402**
Relativity of an Approach and Removal of Reference Systems (Kinematics).
DE85701553 **24**-*556,945* PC **A02**/MF **A01**

**JINR-R-18-84-403**
Role of Gravitation in the Existence of an Electric Charge and Its Magnetic Moment. Dynamics.
DE85701723 **25**-*559,737* PC **A02**/MF **A01**

**JINR-R-18-84-404**
High-Resistance Low-Noise Resistor for Spectrometers with a Cooled Semiconductor Detector.
DE85701661 **25**-*558,803* PC **A02**/MF **A01**

**JINR-R-19-84-286**
Gamma-Irradiation and Neutron Effect on DNA-Membrane Complexes of Mammalian Cells.
DE85701629 **25**-*557,808* PC **A02**/MF **A01**

**JINR-R-19-84-645**
Factors Determinating the Shape of Survival Curves of Escherichia Coli Cells Irradiated by Ionizing Radiation with Different LET. Peculiarities of Genome Organization and the Shape of Survival Curves.
DE85701869 **26**-*560,398* PC **A02**/MF **A01**

**JINR-R-19-84-667**
Yeast Survival after gamma-Irradiation. The Effect of Delayed Colony Appearance and Determination of Relative Part of Undamaged Cells.
DE85701870 **26**-*560,399* PC **A02**/MF **A01**

**JINR-1-83-274**
Simulation Program on the Base of the GEANT Program for the Photon-Masser Installation.
DE84701637 **01**-*502,150* PC **A02**/MF **A01**

**JINR-1-83-275**
Search for Instable Superdense Nuclei.
DE84702454 **01**-*502,505* PC **A02**/MF **A01**

**JINR-1-83-566**
Total Disintegration of sup 4 He Nucleus in the sup 4 Hep Yields ppppn pi exp -
DE84702877 **08**-*517,928* PC **A02**/MF **A01**

**JINR-1-83-569**
Detection and Analysis of Neutrino Interactions with Nuclei in Photoemulsion at IHEP Accelerator (Serpukhov)
DE85701789 **25**-*559,587* PC **A02**/MF **A01**

**JINR-1-83-603**
Angular and Energy Distributions of gamma-Quanta Emitted at Relativistic Positron Channeling.
DE85700635 **20**-*546,485* PC **A02**/MF **A01**

**JINR-1-83-640**
Radiation of 10 GeV Electrons in Silicon Monocrystal During Axial Channeling.
DE85700636 **20**-*546,486* PC **A02**/MF **A01**

**JINR-1-83-652**
Inelastic Interactions of Protons and alpha Particles with Nuclei at 4.5 GeV/C Per Nucleon with Fast Hadron Backward Emission.
DE84703366 **09**-*520,379* PC **A02**/MF **A01**

**JINR-1-83-662**
Method for Selecting Interactions on Carbon During Propane Chamber Irradiation by Light Nuclei.
DE84703015 **03**-*507,565* PC **A02**/MF **A01**

**JINR-1-83-725**
Investigation of Channeled Proton Trajectory Stability in Bent Crystals.
DE84702766 **09**-*520,707* PC **A02**/MF **A01**

**JINR-1-83-726**
Axial Channeling of High Energy Protons in Direct and Bent Silicon Crystals.
DE84702767 **09**-*520,708* PC **A02**/MF **A01**

**JINR-1-83-731**
Radiation of 10 GeV Positrons at Axial Channeling.
DE84702770 **09**-*520,709* PC **A02**/MF **A01**

**JINR-1-83-847**
About One Type of Instability Appearing During Neutrino Labeiling.
DE85700837 **18**-*541,802* PC **A02**/MF **A01**

**JINR-1-83-895**
Investigation of Vector Meson Inclusive Production on HYPERON Installation.
DE85701193 **20**-*546,745* PC **A02**/MF **A01**

**JINR-1-83-908**
Comparative Analysis of Proton and alpha-Particle Interactions with C, O and Ag, Br Nuclei at 4.5 GeV/C Per Nucleon.
DE85701023 **22**-*551,592* PC **A02**/MF **A01**

**JINR-1-83-910**
Neutral Particle 4N Channel of Serpukhov Accelerator.
DE85701062 **24**-*556,752* PC **A02**/MF **A01**

**JINR-1-83-912**
Observation and Investigation of Narrow State in sigma exp - (1385)K exp + System.
DE85700859 **20**-*546,720* PC **A02**/MF **A01**

**JINR-1-84-103**
Search of Narrow Properties in Effective Mass Spectra of Two and Three Protons Using the Technique of Two-Meter Propane Chamber.
DE85701187 **20**-*546,740* PC **A02**/MF **A01**

**JINR-1-84-372**
Coherent Bremsstrahlung from 10 GeV Positrons in Thin Si Crystal.
DE85701755 **25**-*559,569* PC **A02**/MF **A01**

**JINR-1-84-491**
About the Size of a Source Forming Light Fragments Emitted in Relativistic Nuclear Interactions.
DE85701840 **26**-*561,825* PC **A02**/MF **A01**

**JINR-1-84-519**
Pion Absorption in the sup 4 Hep - Dppn Reaction.
DE85701843 **26**-*561,828* PC **A02**/MF **A01**

**JINR-2-84-426**
Production of Meson Pairs with Large Transverse Momenta in Hadron-Nuclear Interactions.
DE85701784 **25**-*559,582* PC **A02**/MF **A01**

**JINR-3-83-599**
Neutron Beam Vertical Divergence Effect on the Two-Crystal Spectrometer Characteristics.
DE85700946 **20**-*546,131* PC **A02**/MF **A01**

**JINR-5-83-756**
Initial Spectrum Reconstruction Taking into Account the Apparatus Function of a Detector.
DE84703012 **03**-*506,980* PC **A02**/MF **A01**

**JINR-6-82-624**
Use of EC-1010 Computer in a System for Spectrometric Information Processing.
DE84701640 **01**-*502,153* PC **A02**/MF **A01**

**JINR-6-83-205**
Analog Converter of a Microphotometer Signal into Optical and Electron Density Values.
DE84702380 **02**-*504,483* PC **A02**/MF **A01**

**JINR-6-83-258**
Study on the sup 135 Ba Excited States.
DE84702318 **03**-*507,522* PC **A02**/MF **A01**

**JINR-6-83-371**
Sublimation and Thermochromatography of Actinide and Lanthanide Lower Oxides.
DE84702456 **01**-*501,057* PC **A02**/MF **A01**

**JINR-6-83-396**
Chemical Properties of Astatine Positive Single-Charged Ion in Aqueous Solutions.
DE84702657 **02**-*503,584* PC **A02**/MF **A01**

**JINR-6-83-410**
Sup 153 Gd Nucleus Level Structure. Analysis of Equilibrium Values of the Ground and Excited State Deformation Parameters.
DE84702301 **03**-*507,505* PC **A02**/MF **A01**

**JINR-6-83-617**
Properties of the sup 165 Er Low Excited States.
DE84702878 **08**-*517,929* PC **A02**/MF **A01**

**JINR-6-83-819**
Study on the sup(164)Lu(Tsub(1/2) = 3.12MIP) Decay.
DE85700704 **22**-*551,572* PC **A02**/MF **A01**

**JINR-6-84-96**
Investigation of the sup 133 Ce Internal Conversion Electron Spectrum.
DE85701854 **26**-*561,839* PC **A02**/MF **A01**

**JINR-6-84-220**
Internal Conversion Electrons in the sup 134 Ce Decay and sup 134 La Levels.
DE85701852 **26**-*561,837* PC **A02**/MF **A01**

**JINR-6-84-388**
Excited States of the Odd-Odd sup 132 La Nucleus.
DE85701853 **26**-*561,838* PC **A02**/MF **A01**

**JINR-8-82-308**
Problem of the ALLEN-BRADLEY Thermistor Drift.
DE84702698 **01**-*501,266* PC **A02**/MF **A01**

**JINR-8-83-702**
Specific Features of the Cryogenic System for an Accelerator with Superconducting Magnets Immersed into Boiling Helium.
DE84702961 **05**-*512,470* PC **A02**/MF **A01**

**JINR-8-83-717**
Technical Cryogenic Thermometers on the Basis of Commercial TVO Resistors.
DE85701760 **25**-*558,806* PC **A02**/MF **A01**

**JINR-8-83-878**
Measurement of Resistance Thermometer Specific Heat at Cryogenic Temperatures.
DE85700771 **23**-*553,662* PC **A02**/MF **A01**

**JINR-8-84-165**
Thermodynamic Analysis and Optimization of Cryogenic Helium Systems with Satellite Refrigerators.
DE85701001 **22**-*550,550* PC **A02**/MF **A01**

**JINR-9-83-268**
Cross Sections of Heavy Ion Charge Exchange on Gases.
DE84702680 **01**-*502,449* PC **A02**/MF **A01**

**JINR-9-83-305**
Spectrametric Set Up on-Line with the SM-3 Computer for Nuclear Beam Composition Analysis at the LU-20 Linear Accelerator.
DE84702962 **05**-*512,226* PC **A02**/MF **A01**

**JINR-9-83-554**
Losses Compensation at the Synchrotron Radiation of an Electron Ring Moving Periodically in the Magnetic Field.
DE84702963 **09**-*520,241* PC **A02**/MF **A01**

**JINR-9-83-555**
Ion Losses at Multiple Using of Electron-Ion Ring.
DE84702128 **01**-*502,436* PC **A02**/MF **A01**

**JINR-9-83-625**
Pulsed Superconducting Dipole Magnet for Nuclotron.
DE85700725 **22**-*551,488* PC **A02**/MF **A01**

**JINR-9-83-711**
Design Parameters of the IBR-30 Installation after the Modernization of the Injector - an Electron Linear Accelerator.
DE84702970 **08**-*517,811* PC **A02**/MF **A01**

**JINR-9-83-772**
Formation of Pulse Currents with a Complicated Law of Variation in Time in Feed Circuits of a Collective Accelerator Compressor.
DE84702964 **05**-*512,471* PC **A02**/MF **A01**

**JINR-9-83-837**
Trial Operation of Laser Atomic Source on KUTI-20 and PKUTI Accelerators.
DE84702965 **08**-*517,806* PC **A02**/MF **A01**

**JINR-9-83-838**
Some Special Properties of KUTI-20 Adgezator Power Supply System.
DE84702966 **08**-*517,807* PC **A02**/MF **A01**

**JINR-9-83-846**
KUTI-20 Adgezator Design. Force Block. Chamber.
DE85700924 **20**-*546,561* PC **A02**/MF **A01**

**JINR-9-83-885**
Stabilizer of Ion Beam Position in EG-5 Electrostatic Accelerator.
DE85701070 **24**-*556,760* PC **A02**/MF **A01**

**JINR-9-83-896**
Equipment and Organization of Power Supply Systems of Filament of Hydrogen Generator in TGI1-2500/50 Thyratrons Applied in SILUND Type Accelerators.
DE85700925 **20**-*546,562* PC **A02**/MF **A01**

**JINR-9-84-2**
Parallel Operation of Thyristor Commutators for Inductive Loading.
DE85700926 **20**-*546,563* PC **A02**/MF **A01**

**JINR-9-84-4**
Some Circuits for the Pulsed Supply System of the Compressor Coils of the Electron-Ion Rings.
DE85701071 **24**-*556,761* PC **A02**/MF **A01**

**JINR-9-84-129**
Calculation of Some Characteristics of the Beam Dynamics in the Central Region of the U-400 Cyclotron.
DE85701063 **24**-*556,753* PC **A02**/MF **A01**

**JINR-9-84-523**
Three-Dimensional Simulation of Magnetic System Elements of JINR Superconducting Synchrotron.
DE85701885 **25**-*559,490* PC **A02**/MF **A01**

**JINR-9-84-555**
Heavy Ion Cyclotron Facility of the Laboratory of Nuclear Reactions of JINR (Joint Institute for Nuclear Research, Dubna, USSR)
DE85701900 **25**-*559,499* PC **A04**/MF **A01**

**JINR-9-84-581**
Dubna Synchrophasotron. Performance and Improvement (Quarter 1, 1984).
DE85701886 **25**-*559,491* PC **A02**/MF **A01**

**JINR-10-82-641**
Programs for Treatment of Integral Perturbed Angular gamma-gamma Correlations.
DE84701638 **01**-*502,151* PC **A02**/MF **A01**

**JINR-10-82-931**
Software for on-Line Filtering System on HPD Scanning Automatic Device.
DE84701639 **01**-*502,152* PC **A02**/MF **A01**

**JINR-10-83-297**
Software and Hardware for Graphical Data Representation on the Base of the GRAFOR Program Complex for the SM-4 Computer.
DE84702394 **03**-*506,105* PC **A02**/MF **A01**

**JINR-10-83-366**
STOPOW/82 Program for Calculations of Stopping Powers and Ranges for Heavy Ions in the Energy Range from 1 KeV to 10 GeV/a.M.U.
DE84702709 **03**-*507,564* PC **A02**/MF **A01**

**JINR-10-83-499**
Program for Control and Editing the Output Data of Spiral Reader.
DE84702395 **03**-*506,106* PC **A02**/MF **A01**

**JINR-10-83-500**
Graphical Representation of Spiral Reader Data in Measurement Mode.
DE84702396 **03**-*506,107* PC **A02**/MF **A01**

**JINR-10-83-503**
Adaptive Algorithm for Communication Processes of Data Aquisition and Processing in the Control System for Experiments on Cyclic Accelerators.
DE84702397 **03**-*507,372* PC **A02**/MF **A01**

**JINR-10-83-550**
Algorithm for Optimization of Electron Isochronous Cyclotron Operation Regimes.
DE84780445 **01**-*502,456* PC **A02**/MF **A01**

**JINR-10-83-552**
Autonomous Microprocessor System for Spectra Storage on Magnetic Tape and Their Preliminary Processing.
DE84702398 **03**-*506,108* PC **A02**/MF **A01**

**JINR-10-83-592**
On-Line System in the Project of the Model Superconducting Synchrotron.
DE84780446 **01**-*502,457* PC **A02**/MF **A01**

**JINR-10-83-598**
Software for the Two-Parameter Experiments on the Base of the SM-3 Computer and CAMAC Apparatus.
DE84703478 **20**-*546,121* PC **A02**/MF **A01**

**JINR-10-83-650**
PLUTON: A Program Package for Measuring Installation of 8-Channel alpha-Spectrometer.
DE84702710 **03**-*506,976* PC **A02**/MF **A01**

**JINR-10-83-659**
Calculational Simulation of Neutron Cross Sections for Transactinium Nuclei in the Range of Forbidden Resonances.
DE84703048 **03**-*507,566* PC **A02**/MF **A01**

**JINR-10-83-773**

Data Transfer in Distributed Computer System on-Line with the BIS-2 Installation.

DE84703007 **04**-*510,006* PC **A02**/MF **A01**

**JINR-10-83-848**

Scheme for Particle Track Hologram Processing Using Stereoprojections of the Reconstructed Model.

DE84703008 **04**-*510,007* PC **A02**/MF **A01**

**JINR-10-83-852**

AUTOP Program Package for Spectrometric Data on-Line Processing Using Small Computers.

DE85701124 **22**-*550,237* PC **A02**/MF **A01**

**JINR-10-84-62**

Three-Axial Goniometer Control System for the KORA Spectrometer.

DE85701101 **24**-*556,303* PC **A02**/MF **A01**

**JINR-10-84-116**

Statistical Pulse Generator for Control of Measuring Equipment for Multiparameter Experiments.

DE85701107 **23**-*554,247* PC **A02**/MF **A01**

**JINR-10-84-204**

Experimental Data Registration System of DEMAS-MULTI Setup.

DE85781330 **25**-*559,025* PC **A02**/MF **A01**

**JINR-10-84-420**

Software for Multiparameter Experiments on DEMAS-MULTI Setup Using SM-3 Type Computers.

DE85702234 **26**-*560,687* PC **A02**/MF **A01**

**JINR-10-84-450**

Program of Geometric Reconstruction for the Lyudmila Facility with Internal Track-Sensitive Target.

DE85781289 **25**-*559,004* PC **A02**/MF **A01**

**JINR-10-84-529**

Single Computer Variant of Software for Accurate Measurement of JINR Phasotron Subsystem Parameters.

DE85781320 **25**-*559,510* PC **A02**/MF **A01**

**JINR-10-84-613**

Retrieval and Access of the Information on Decay and Half-Life in the ENSDF File.

DE85702235 **26**-*561,843* PC **A02**/MF **A01**

**JINR-10-84-670**

Hardware for the Operator-Computer Dialogue in the AEhLT-2/160 System on-Line with the SM-4 Computer.

DE85781309 **25**-*558,199* PC **A02**/MF **A01**

**JINR-11-83-530**

Independent Multi-Channel Analyzer with the Color Display and Microcomputer in the CAMAC Standard.

DE85700945 **20**-*546,130* PC **A02**/MF **A01**

**JINR-11-83-531**

Universal Control Drive Unit Using Micro-Computer and Its Application in the SPN-1 Spectrometer.

DE85701247 **23**-*553,835* PC **A02**/MF **A01**

**JINR-11-83-782**

Calculation of Electron Beam Source with a Variable Intensity.

DE84702958 **05**-*512,467* PC **A02**/MF **A01**

**JINR-11-83-830**

Subroutine Library Written in the MACROASSEMBLER Language for the SM-3 Computer.

DE84703049 **03**-*507,373* PC **A02**/MF **A01**

**JINR-11-83-875**

Calculation of Matrix Elements of the Three-Body System Relativistic Hamiltonian in Adiabatic Representation.

DE85700978 **22**-*551,719* PC **A02**/MF **A01**

**JINR-11-84-61**

Simulation of Closed Orbit Correction in the Heavy-Ion Synchrotron.

DE85700914 **20**-*546,551* PC **A02**/MF **A01**

**JINR-11-84-505**

Numerical Simulation of Electron-Ion Beam Dynamics.

DE85701891 **25**-*559,496* PC **A02**/MF **A01**

**JINR-12-82-732**

Investigation of Stable Chromium(5) Complex in Different Solvents by EPR Method.

DE84702655 **02**-*503,583* PC **A02**/MF **A01**

**JINR-12-82-830**

Application of Foam Flotation at Electrolysis to Concentrate of Trace Elements in Cheleken Geothermal Brines.

DE84702901 **09**-*518,871* PC **A02**/MF **A01**

**JINR-12-83-718**

Adsorption of Volatile Metals on Metallic Surfaces and the Possibilities of Its Application in Nuclear Chemistry. The Effect of the Interaction of the Predicted Superheavy Elements with Z around 114 with Various Metallic Electrodes on Their Electrodepositions.

DE84702904 **09**-*518,874* PC **A02**/MF **A01**

**JINR-13-83-153**

Gas Threshold Cherenkov Counter with Focusing Mirror Made of Epoxy Compound and Aluminized Mylar Foil with Optimized Thickness of Reflecting Layer.

DE84702692 **01**-*502,159* PC **A02**/MF **A01**

**JINR-13-83-162**

XL-100S Microprogrammable Processor.

DE84703021 **03**-*506,113* PC **A02**/MF **A01**

**JINR-13-83-342**

Facility for Measurement of Perturbed gamma-gamma Angular Correlations in the 1.5-300 K Temperature Range.

DE84701604 **09**-*519,932* PC **A02**/MF **A01**

**JINR-13-83-346**

STROKA-640 Information System.

DE84780447 **01**-*502,458* PC **A02**/MF **A01**

**JINR-13-83-435**

Multichannel Analog Memory.

DE84780448 **01**-*502,459* PC **A02**/MF **A01**

**JINR-13-83-453**

Increasing of the Operation Reliability of Two-Meter Streamer Chamber High Voltage Generator.

DE84702370 **02**-*504,620* PC **A02**/MF **A01**

**JINR-13-83-478**

Device for Ion Source Synchronization.

DE84702959 **05**-*512,468* PC **A02**/MF **A01**

**JINR-13-83-504**

Technique of Absolute Efficiency Determination for gamma Radiation Semiconductor Detectors.

DE84702949 **08**-*517,451* PC **A02**/MF **A01**

**JINR-13-83-526**

CAMAC Wide-Range Timer with a Digital Control.

DE84780449 **01**-*502,460* PC **A02**/MF **A01**

**JINR-13-83-610**

Tuning and Control of Wire Spark Chambers for Hyperon Spectrometer.

DE84702693 **01**-*502,160* PC **A02**/MF **A01**

**JINR-13-83-669**

High-Purity Ge Detectors for gamma Radiation Spectroscopy. Manufactured at the JINR Laboratory of Nuclear Problems.

DE85700752 **22**-*551,097* PC **A02**/MF **A01**

**JINR-13-83-681**

Spectrometer of delta E-E Type for Investigation of Particle Yields in Reactions with Relativistic Ions.

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**JUEL-SPEZ-260**

Accident Behaviour of the HTR-Module.
DE85751549 **20**-*546,372* PC **A04**/MF **A01**

**JUEL-SPEZ-262**

Extension of Fuzzy Linear Programming for Multiple Objectives.
DE85780227 **20**-*545,360* PC **A06**/MF **A01**

**JUEL-SPEZ-263**

Hazard Potential of the Radioactive Waste Produced by Nuclear Reactors in Comparison with That of the Natural Uranium Depositories in the FRG.
DE85750705 **17**-*539,024* PC **A06**/MF **A01**

**JUEL-SPEZ-265**

Acid Rain, Heavy Metals and Uptake of Pollutants by Plants.
DE85750760 **12**-*526,374* PC **A04**/MF **A01**

**JUEL-SPEZ-267**

Behaviour of Radioactive Krypton-85 in the Deep Sea.
DE85752021 **25**-*559,167* PC **A05**/MF **A01**

**JUEL-SPEZ-268**

Analytical Studies on the Performance of Solar Systems for Water Heating.
DE85750979 **12**-*527,229* PC **A10**/MF **A01**

**JUEL-SPEZ-272**

Methods for Ecotoxicological Evaluation of Chemicals. Vol. 4.
DE85751864 **20**-*544,900* PC **A05**/MF **A01**

**JUEL-SPEZ-273**

Gas Exchange Between a Helium Filled Vessel and the Environment Via a Vertically Installed Tube in Relation to the HTR Module.
DE85751547 **20**-*546,371* PC **A03**/MF **A01**

**JUEL-SPEZ-274**

Methods of Ecotoxicological Evaluation of Chemicals. Vol. 3.
DE85751612 **20**-*544,897* PC **A14**/MF **A01**

**JUEL-SPEZ-275**

Evaluation of Radiation Doses in the Surroundings of the THTR-300 Caused by a Hypothetical Core Heat-Up Accident.
DE85751644 **23**-*553,897* PC **A03**/MF **A01**

**JUEL-SPEZ-276**

Methods of Ecotoxicological Evaluation of Chemicals. Vol. 5.
DE85752000 **21**-*547,715* PC **A12**/MF **A01**

**JUEL-SPEZ-277**

Computer-Guided Facility for the Study of Single Crystals at the gamma Diffractometer GADI.
DE85751876 **26**-*561,691* PC **A04**/MF **A01**

**JUEL-SPEZ-279**

Methods of the Ecotoxicological Evaluation of Chemicals. Photochemical Degradation in the Gas Phase. Vol. 6.
DE85752002 **21**-*547,716* PC **A06**/MF **A01**

**JUEL-SPEZ-280**

Spectra of Nuclei in the Lead Region in the Framework of the RPA with OBE-G-Matrix Interactions.
DE85751877 **26**-*561,848* PC **A09**/MF **A01**

**JUEL-SPEZ-288**

Hot Isostatic Pressing (HIP): Techniques, Applications and Economical Use.
N85-28141/8 **20**-*545,889* PC **A05**/MF **A01**

**JUEL-SPEZ-296**

Search for Indicatory Criteria to Predict Possible Effects of Stress on Ecosystems. Vol. 6.
DE85752358 **25**-*557,257* PC **A08**/MF **A01**

**JUEL-1700**

Development and Testing of an Experimental Facility for the Production of Solar High Temperature Heat (800 deg C-1000 deg C) to Investigate Energy Storage in Reversible Thermochemical Cycles.
DE82902338 **24**-*555,888* PC **A07**/MF **A01**

**JUEL-1787**

Theory of Two Localized Magnetic Systems.
DE84780032 **09**-*520,190* PC **A05**/MF **A01**

**JUEL-1824**

Core-Level XPS Studies of Ce and La Intermetallic Compounds and Their Implications for the 4F Levels of Ce Compounds.
DE84752115 **10**-*523,101* PC **A04**/MF **A01**

**JUEL-1829**

Transport Properties of Drift Waves.
DE84751811 **03**-*507,668* PC **A02**/MF **A01**

**JUEL-1851**

Studies on 'Carrier-Free' Radiohalogenation of Receptor-Binding 1,4-Benzodiazepines with exp 18 F, exp 75 Br and exp 123 I.
DE85750997 **19**-*543,822* PC **A08**/MF **A01**

**JUEL-1863**

Oxidation Behaviour of Coat-Mix-Materials in Air at Temperatures of About 800 K.
DE85750070 **12**-*528,212* PC **A08**/MF **A01**

**JUEL-1865**

Simulation of Nuclear Fuel Reprocessing for Safeguards.
DE84751440 **01**-*502,286* PC **A03**/MF **A01**

**JUEL-1871**

Silicon Carbide Coatings of Nuclear Fuel Particles.
DE85750071 **11**-*525,287* PC **A04**/MF **A01**

**JUEL-1872**

Safety Conception of the High Temperature Reactor with Natural Heat Removal Decay in the Case of Accidents.
DE84751528 **05**-*512,311* PC **A06**/MF **A01**

**JUEL-1875**

Kinetics of the Graphite/Oxygen Reaction in the in-Pore Diffusion Controlled Regime. Pt. 1.
DE84751631 **04**-*510,105* PC **A05**/MF **A01**

**JUEL-1876**

Examinations for the Determination of the Flux Density of Sputtered Iron Using Laser Induced Fluorescence.
DE85750078 **20**-*546,095* PC **A07**/MF **A01**

**JUEL-1878**

Thermodynamic Study of Alkali Metal Clusters, and Gaseous Molecules in the Lithium Hydride, Oxide and Cyanide Systems.
DE84751629 **03**-*505,880* PC **A07**/MF **A01**

**JUEL-1880**

Model Experiments to Determine the Effect of Inhibitive Oxide Layers on Metals Against Hydrogen Permeation.
DE84751791 **03**-*506,432* PC **A08**/MF **A01**

**JUEL-1881**

Investigation of the Use of Discharge Gases Such as Air, N sub 2 , O sub 2 , Ar, He in Laser Localized Emission-Spectroscopic Analysis of Graphitic Materials.
DE84751814 **02**-*503,588* PC **A08**/MF **A01**

**JUEL-1883**

Core Heatup Simulation with Irradiated Spherical Fuel Elements at Temperatures Between 1400 and 2500 exp 0 C.
DE84751790 **02**-*504,817* PC **A07**/MF **A01**

**JUEL-1885**

Design Data, Liquid Distributors and Condenser for a Distillation Column to Enrich Tritium in Metallic Lithium.
DE84752310 **11**-*524,943* PC **A03**/MF **A01**

**JUEL-1886**

Fission Product Retention in the Core of the Low Powered High Temperature Reactor under Accident Conditions.
DE84751798 **03**-*507,106* PC **A06**/MF **A01**

**JUEL-1888**

Installation of a Three-Dimensional Simulation Method for Core-Physical Description of Pebble Bed Reactors with Multiple Recycling Process at the Example of the AVR.
DE84751924 **05**-*512,372* PC **A05**/MF **A01**

**JUEL-1889**

Fundamentals for the Evaluation of Irradiation Experiments on Enrichment Reduction in the FRJ-2 (AF-Programme).
DE84751919 **05**-*512,371* PC **A03**/MF **A01**

**JUEL-1890**

Rippling and Drift Instabilities in the Straight Cylinder Tokamak.
DE84752134 **11**-*524,935* PC **A02**/MF **A01**

**JUEL-1891**

Investigations of the Double Plasma Arc in a Graphite Tube.
DE84752112 **05**-*511,221* PC **A06**/MF **A01**

**JUEL-1892**

Separation of Krypton from Dissolver off-Gas of a Reprocessing Plant Using Preparative Gas Chromatography.
DE85752023 **25**-*559,168* PC **A06**/MF **A01**

**JUEL-1893**

Effective Thermal Conductivity in Packed Beds of Spheres Especially in the Core of a High Temperature Reactor.
DE84752159 **05**-*512,320* PC **A04**/MF **A01**

**JUEL-1894**

Static Pyrocarbon Deposition in the Temperature Range of 1900 degrees C-2000 degrees C.
DE85750077 **12**-*526,695* PC **A09**/MF **A01**

**JUEL-1897**

Retention of Incorporated Radionuclides after Variable Application of Gamma-Rays.
DE84752160 **10**-*521,624* PC **A06**/MF **A01**

**JUEL-1898**

ECE Diagnostic System on TEXTOR.
DE84752286 **11**-*525,514* PC **A03**/MF **A01**

**JUEL-1899**

Aqueous Chemical Reprocessing of HTR Fuel.
DE84752162 **05**-*512,261* PC **A03**/MF **A01**

**JUEL-1900**

'Glass Foam' as Bacterial Storage - Waste Water Purification Without Oxygen.
DE84752151 **01**-*500,803* PC **A02**/MF **A01**

**JUEL-1902**

Installation of a Programme System for Determination of HEU/LEU-Equilibrium-Combined Cores for Pebble Bed Reactors and Applicaton to the AVR-Reactor.
DE84752330 **11**-*525,227* PC **A08**/MF **A01**

**JUEL-1903**

Investigation of the Isothermal Precipitation Behavior of Nickel-Base Alloys Using Electrochemical Phase Extraction.
N85-13958/2 **08**-*516,903* PC **A07**/MF **A01**

**JUEL-1904**

Contribution to the High Temperature Deformation Behaviour of the Austenitic Steel 1.4981 after Neutron Irradiation.
DE85750079 **12**-*527,122* PC **A06**/MF **A01**

Contribution to the High Temperature Deformation Behavior of the Austenitic Steel 1.4981 after Neutron Irradiation.
N84-33584/3 **01**-*501,554* PC **A06**/MF **A01**

**JUEL-1905**

Investigation for Attaining the Optimal Yield of Oil Shale by Integrating High Temperature Reactors.
DE85750488 **15**-*535,203* PC **A07**/MF **A01**

**JUEL-1906**

Design of the Inner Reflector of a High-Temperature Gas-Cooled Reactor.
DE85750103 **13**-*530,211* PC **A06**/MF **A01**

**JUEL-1908**

Numerical Simulation of the Facility Behaviour of a High Temperature Reactor under Water Ingress Accidents at the Example of the AVR.
DE85750101 **12**-*527,838* PC **A06**/MF **A01**

**JUEL-1909**

System with High Resolution for Analogue Recording and Digital Processing of Measured Values in Fusion Research.
DE84752302 **11**-*524,941* PC **A03**/MF **A01**

High Resolution System for Analogue Recording and Digital Processing of Measured Values in Fusion Research.
N84-33786/4 **01**-*502,009* PC **A03**/MF **A01**

**JUEL-1910**

Magnetooptische Untersuchungen an Epitaktischen EuS-Schishten und (EuS-/SrS)-Schichtsystemen (Magneto-Optical Studies of Epitaxial EuS Films and (EuS/SrS) Layer Systems).
N84-34302/9 **01**-*502,640* PC **A04**/MF **A01**

**JUEL-1911**

Service Life Investigations of Ball Bearings at 120 degrees C in a Helium Atmosphere.
DE84752303 **10**-*522,399* PC **A06**/MF **A01**

Lebensdauerversuche an Kugellagern bei 120 C in Helium-Atmosphaere (Life Tests of Ball Bearings at 120C in Helium Atmosphere).
N84-33816/9 **01**-*501,889* PC **A06**/MF **A01**

**JUEL-1912**

Theoretical and Experimental Research of Natural Convection in the Core of the High Temperature Pebble Bed Reactor.
DE85750102 **13**-*530,210* PC **A06**/MF **A01**

**JUEL-1913**

Diffusion in Metallen Unter Dem Einfluss von Hohen Mechanischen Spannungen und Beschleunigungen (Diffusion in Metals under High Mechanical Strain and Acceleration).
N85-15887/1 **10**-*522,132* PC **A06**/MF **A01**

**JUEL-1914**

Hydrogen Permeation Through Chromium.
DE85750075 **12**-*527,121* PC **A03**/MF **A01**

**JUEL-1915**

Aerosol Size Characteristics in Selected Working Areas.
DE85750098 **12**-*527,823* PC **A04**/MF **A01**

**JUEL-1916**

PRIAMUS: A Computer Code for the Determination of Thermophysical Properties of Gas Mixtures of O sub 2 , N sub 2 , CO, CO sub 2 , He, H sub 2 O, H sub 2 and CH sub 4.
DE85750468 **08**-*516,421* PC **A04**/MF **A01**

PRIAMUS: Ein Rechenprogramm zur Bestimmung Thermophysikalischer Stoffwerte von Gasmischungen Aus O2, N2, CO, CO7, He, H2O, H2 und CH4 (PRIAMUS, a Computer Program for the Calculation of Thermophysical Properties of Gas Mixtures Containing O2, N2, CO, CO2, He, H2O, H2, CH4).
N85-13002/9 **07**-*514,703* PC **A04**/MF **A01**

**JUEL-1917**

Irradiation Behaviour of Coated Fuel Particles for the Fissile/Fertile Particle System.
DE85750076 **11**-*525,288* PC **A06**/MF **A01**

**JUEL-1918**
Investigations on Reactions of Nucleogenic Bromine Species with Aromatics in High-Moderated Gaseous Phase Systems.
DE85780747 **17**-*537,685* PC **A05**/MF **A01**

**JUEL-1919**
Exotherme Prozesse in Festkoerpern bei Tiefen Temperaturen, Ihre Physik und Ihre Kryotechnischen Implikation (Exothermic Processes in Solids under Low Temperatures, Their Physics and Their Cryogenic Implications).
N85-12651/4 **06**-*514,262* PC **A04**/MF **A01**

**JUEL-1920**
Distribution of Th(NO Sub 3 ) sub 4 , UO sub 2 (NO Sub 3 ) sub 2 and HNO sub 3 Between an Aqueous Phase and an Organic Tributyl Phosphate Phase.
DE85780757 **16**-*536,685* PC **A06**/MF **A01**

**JUEL-1923**
High-Temperature Helium Embrittlement (T > = 0,45Tsub(M)) Of Metals.
DE85751139 **22**-*550,465* PC **A06**/MF **A01**

**JUEL-1925**
Calculation of the Density of Sputtered Metal in the Vicinity of the TEXTOR Reference Limiter.
DE85750765 **17**-*538,872* PC **A02**/MF **A01**

**JUEL-1927**
Elastic Deuteron Scattering in the Energy Range Between 50 and 85 MeV.
DE85750527 **15**-*534,912* PC **A08**/MF **A01**

**JUEL-1930**
Absorptive Separation of NOsub(X) from Dissolver off-Gas.
DE85780749 **16**-*536,684* PC **A03**/MF **A01**

**JUEL-1933**
Coulomb Interaction in Atomic and Nuclear Physics: Inner-Shell Excitation, Coulomb Dissociation of Nuclei, and Nuclear Polarizability in Electronic Atoms.
DE85750704 **15**-*534,945* PC **A07**/MF **A01**

**JUEL-1935**
Formation of Stable Emulsions at Solvent-Extraction Processes During the Reprocessing of Spent Nuclear Fuel.
DE85750767 **16**-*536,633* PC **A06**/MF **A01**

**JUEL-1937**
Model Analysis of the Energy and Mass Balances of a Coal Liquefaction Plant for the Purpose of Profitability Assessment, with Special Emphasis on Emission Reduction Measures.
DE85750501 **12**-*528,218* PC **A12**/MF **A01**

**JUEL-1938**
Permeation of Gases Through Solids, Pt. 1.
DE85750528 **17**-*537,667* PC **A07**/MF **A01**

**JUEL-1939**
Effect of the Test Atmosphere on the Formation and Propagation of Creep Cracks in Commercial High Temperature Alloys.
N85-16221/2 **10**-*522,497* PC **A09**/MF **A01**

**JUEL-1940**
Entstehung, Verarbeitung und Verbreitung von Wissenschaftsnachrichten AM Beispiel von 20 Forschungseinrichtungen (Origin, Processing, and Dissemination of Scientific News, with Examples from 20 Research Institutes).
N85-28882/7 **20**-*544,661* PC **A15**/MF **A01**

**JUEL-1941**
Influence of Conduction Electrons in Rare Earths on the Crystal Field State in Metals - an Investigation by Inelastic Neutron Scattering.
DE85751548 **21**-*549,168* PC **A06**/MF **A01**

**JUEL-1942**
Importance of Light Hydrocarbons in Multiphase Atmospheric Systems.
DE85750762 **12**-*526,004* PC **A03**/MF **A01**

Importance of Light Hydrocarbons in Multiphase Atmospheric Systems.
N85-17498/5 **11**-*523,372* PC **A03**/MF **A01**

**JUEL-1945**
Functions of the Mathematical Description of the Separation of Mixtures of Substances in the Industry, to the Case of Zero-Emission.
DE85750761 **12**-*527,271* PC **A04**/MF **A01**

**JUEL-1946**
Future Technologies of Energy Conversion as Options of the Novel Horizontally Integrated Energy System.
DE85751115 **15**-*533,905* PC **A05**/MF **A01**

**JUEL-1947**
Boundary-Layer Configuration of Tokamaks: Development and Application of Stochastic Models to Describe Neutral Gas Behaviour.
DE85750775 **17**-*539,430* PC **A09**/MF **A01**

**JUEL-1948**
Solution of a D sub 2 O-Benchmark Problem Using RSYST.
DE85780786 **17**-*539,149* PC **A04**/MF **A01**

**JUEL-1949**
Deposition and Retention of Air Pollutants on Vegetation and Other Atmospheric Interfaces.
DE85751871 **26**-*560,349* PC **A17**/MF **A01**

**JUEL-1950**
Analysis of the Risk Assessment of a Waste Repository for Radioactive Waste from the Decommissioning of Nuclear Power Plants.
DE85751650 **23**-*553,997* PC **A08**/MF **A01**

**JUEL-1951**
Passive Afterheat Removal in the HTGR with the Liner Cooling System as a Heat Sink.
DE85751550 **20**-*546,206* PC **A03**/MF **A01**

**JUEL-1953**
Distillation as a Means of Separating Krypton from the off-Gas of a Reprocessing Plant for Graphite-Coated HTR Fuel Elements.
DE85751651 **23**-*553,998* PC **A07**/MF **A01**

**JUEL-1955**
Mechanical Separation Process for Decladding of LWR Fuel Elements.
DE85752013 **25**-*559,326* PC **A06**/MF **A01**

**JUEL-1958**
Uptake of and Follow-Up Supply with (Benzene Ring-U- sup 14 C)Triademinol Via the Caryopsis and from Dressed Zones after Seed Treatment of Winter Barley and Winter Wheat Using a Dry Dressing Formula.
DE85752095 **25**-*557,237* PC **A08**/MF **A01**

**JUEL-1960**
Validation of the Intra-Nuclear-Cascade-Evaporation Model for Particle Production.
DE85751639 **22**-*551,622* PC **A09**/MF **A01**

**JUEL-1961**
Conception of a Modular HTR-Process Heat Facility with Optimization of the Pressure Level.
DE85751883 **26**-*561,658* PC **A09**/MF **A01**

**JUEL-1962**
Programming System for a Modular Flexible Multimicrocomputer System for the Automatic Control of Automated Test Equipment.
N85-28641/7 **20**-*545,984* PC **A07**/MF **A01**

**JUEL-1974**
Concentrations of 15 Trace Elements in Some Selected Adult Human Tissues and Body Fluids of Clinical Interest from Several Countries: Results from a Pilot Study for the Establishment of Reference Values.
DE85752360 **25**-*557,852* PC **A08**/MF **A01**

**K/CSD/INF-85/4**
HALFBREED, An Extended Capability Version of the YAQUI Code.
DE85014237 **22**-*550,233* PC **A02**/MF **A01**

**K/CSD/INF-85-6**
Modeling Network Data Structures in Relational-Like Data Base Management Systems.
DE85015803 **26**-*560,130* PC **A02**/MF **A01**

**K/CSD/INF-85/8**
Managing Environmental Projects with the Aid of Computers.
DE85016304 **26**-*560,131* PC **A02**/MF **A01**

**K/CSD/TM-49**
Extension to Complex-Valued Functions of an Algorithm for Numerically Inverting the Laplace Transform.
DE85010701 **17**-*538,323* PC **A02**/MF **A01**

**K/CSD/TM-53**
FLOWPLOT II: A Fluid Dynamics and Heat Transfer Plotting Package.
DE85009802 **15**-*534,762* PC **A04**/MF **A01**

**K/D-5313**
Schedule Planning for Construction Projects.
DE85004048 **11**-*523,542* PC **A02**/MF **A01**

**K/D-5400-REV.1**
Safety Analysis Report for Modified 30-Inch UF sub 6 Cylinder Shipping Package, DOT Specification 21 PF-1, Revision 1.
DE85007595 **13**-*530,052* PC **A02**/MF **A01**

**K/D-5590**
Management Challenges Encountered in CAD Implementation.
DE85002072 **08**-*517,195* PC **A02**/MF **A01**

**K/D-5645**
Computer-Aided Engineering Vertical Integration: A User's Perspective.
DE85017244 **26**-*561,180* PC **A05**/MF **A01**

**K/HS-23**
Special Case Exposure Monitoring at the Oak Ridge Gaseous Diffusion Plant.
DE85008214 **14**-*531,402* PC **A02**/MF **A01**

**K/OA-5684**
Methodology for Economic Evaluation of Process Technologies in the Early Research and Development Stages.
DE84015863 **01**-*500,251* PC **A21**/MF **A01**

**K/OA-5689**
Economic Assessment Model Architecture for AGC/AVLIS Selection.
DE85005940 **12**-*527,705* PC **A02**/MF **A01**

**K/OA-5700-PT.1**
US Enrichment Safeguards Program Development Activities with Potential International Atomic Energy Agency Safeguards Applications. Part 1. Executive Summaries.
DE84016444 **02**-*504,794* PC **A03**/MF **A01**

**K/OA-5762**
Liquid-Phase Compositions from Vapor-Phase Analyses. II. Adaptation of the Prausnitz Program to UF sub 6 and Some of Its Potential Impurities.
DE85011521 **19**-*542,796* PC **A04**/MF **A01**

**K/OA-5807**
Results from Uranium Deposition Studies for Development of a Limited Frequency-Unannounced Access (LFUA) Inspection Strategy for Gas Centrifuge Enrichment Plants.
DE85012096 **23**-*553,819* PC **A02**/MF **A01**

**K/OA-5929**
Application of the Limited Frequency-Unannounced Access Strategy Measurement Technology in Gas Centrifuge Enrichment Plants.
DE85015802 **26**-*561,416* PC **A02**/MF **A01**

**K/OP-299-PT.1**
Evaluation of Nuclear Fuel Reprocessing Strategies. 1. Nuclear Power Expansion Prospects and the Transition to Breeders.
DE84004905 **09**-*520,124* PC **A05**/MF **A01**

**K/P-6816**
Cooling Tower Wood Sampling Analyses: A Case Study.
DE85004173 **11**-*524,577* PC **A02**/MF **A01**

**K/PS-819**
Uranium Deposition Study on Aluminum: Results of Early Tests.
DE84017575 **03**-*506,964* PC **A02**/MF **A01**

**K/PS-836**
Microcomputer-Based Data Acquisition and Control System for a Secondary Ion Mass Spectrometer/Ion Scattering Spectrometer.
DE85007273 **13**-*528,914* PC **A05**/MF **A01**

**K/PS-847**
Morphological Characterization of O-Rings from the GCEP Long-Term Test Program.
DE85001047 **05**-*511,646* PC **A03**/MF **A01**

**K/PS-864**
Isotopic Analysis of Enriched/Depleted SO sub 2 Via Low-Resolution Mass Sectrometry.
DE85006488 **11**-*525,014* PC **A02**/MF **A01**

**K/PS-915**
Characterization of the Solid, Airborne Materials Created by the Interaction of UF sub 6 with Atmospheric Moisture in a Contained Volume.
DE85004790 **11**-*523,992* PC **A04**/MF **A01**

**K/PS-975**
Recommended Surrogate PCB Waste Feed and Fuel Compositions to Meet Requirements Given in Spec. K/D 5552 for Test Burns in the Martin Marietta Energy Systems Inc. Incinerator.
DE85008704 **14**-*532,028* PC **A02**/MF **A01**

**K/PS-1096**
Uranium Hexafluoride Subsampling System.
DE85017249 **26**-*561,501* PC **A02**/MF **A01**

**K/PS-5025**
UF Sub 6 Cylinder Cooling Study: Experimental Study with a 10-Ton Cylinder.
DE85009017 **17**-*538,598* PC **A02**/MF **A01**

**K/PS-5046**
Calibration and Use of Filter Test Facility Orifice Plates.
DE84016851 **02**-*504,477* PC **A02**/MF **A01**

**K/PS-5056**
Technology for Increasing the Uranium-235 Isotopic Abundance in Natural Uranium Feed on a Productive Scale.
DE85011252 **18**-*541,486* PC **A03**/MF **A01**

**K/SUB-81-7685/1-02**
Study of the Hydrolysis of Uranium Hexafluoride by Fourier Transform Infrared Spectroscopy.
DE85012871 **23**-*552,581* PC **A09**/MF **A01**

**K/TS-10.874**
Use of Fiber Optics for Remote UF sub 6 Laser-Induced Fluorescence Measurements.
DE85015384 **25**-*557,967* PC **A02**/MF **A01**

**K/TS-10-885**
Solution of the H-Equation for a Single Point Source Excitation of Magnitude K.
DE84017574 **03**-*506,963* PC **A03**/MF **A01**

**K/TS-11-504**
Applications of Pulsed-Laser Techniques and Thermographic Phosphors to Dynamic Thermometry of Rotating Surfaces.
DE85000403 **07**-*515,202* PC **A02**/MF **A01**

**K/TS-11-516**
Stability of Timoshenko Beams Conveying a Compressible Fluid.
DE85013096 **21**-*549,143* PC **A09**/MF **A01**

**K/TS-5360**
Pilot Program for an Automated Data Collection System.
DE84016809 **07**-*515,473* PC **A02**

**K/TS-5867**
First Order Estimates of the Dynamics and Energetics of a Rapidly Decelerating Flywheel.
DE85013908 **23**-*553,104* PC **A02**/MF **A01**

**K/UR-500-PT.1**
NURE HSSR Geochemical Sample Archives Transfer Report. Part 1. Contents.
DE85008193 **13**-*529,033* PC **A02**/MF **A01**

**K/UR-500-PT.2**
NURE HSSR Geochemical Sample Archives Transfer Report. Part 2. Computer System.
DE85007949 **13**-*529,032* PC **A04**/MF **A01**

**K/UR-500-PT.3**
NURE HSSR Geochemical Sample Archives Transfer Report. Part 3. Geochemical Analysis.
DE85007584 **13**-*529,030* PC **A07**/MF **A01**

**K234**
Influence of Fuel Molecular Composition Upon Flame-Tube Temperature and Flame Radiation in a Model Gas-Turbine Primary Zone.
N85-22646/2 **15**-*535,230* PC **A03**/MF **A01**

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**K0387-7**
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AD-A154 347/9 **17**-*539,465* PC **A02**/MF **A01**

**K506-1**
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AD-A157 959/8 **24**-*556,969* PC **A06**/MF **A01**

**K-2041**
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**K-2049**
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**KEK-82-10**
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DE85750467 **09**-*519,742* PC **A03**/MF **A01**

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DE82780419 **24**-*556,467* PC **A02**/MF **A01**

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**KFK-3253**
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DE83750206 **10**-*522,741* PC **A03**/MF **A01**

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Irradiation Experiment Mol-7B.
DE83750209 **10**-*522,742* PC **A08**/MF **A01**

**KFK-3283**
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**KFK-3348**
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**KFK-3353**
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DE85750475 **20**-*546,303* PC **A04**/MF **A01**

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DE85751133 **24**-*556,323* PC **A05**/MF **A01**

**KFK-3508**
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DE84751628 **04**-*510,104* PC **A04**/MF **A01**

**KFK-3509**
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**KFK-3511-B**
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DE83751317 **09**-*520,309* PC **A06**/MF **A01**

**KFK-3518**
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DE85751899 **26**-*561,693* PC **A03**/MF **A01**

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DE85751498 **15**-*535,206* PC **A04**/MF **A01**

**KFK-3527**
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DE85751614 **20**-*544,605* PC **A04**/MF **A01**

**KFK-3531**
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DE83751314 **11**-*525,175* PC **A04**/MF **A01**

**KFK-3537**
PREPRO - A Preprocessor Code for SSYST Input.
DE83751319 **10**-*522,879* PC **A03**/MF **A01**

**KFK-3539**
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DE83751321 **10**-*522,993* PC **A04**/MF **A01**

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PARDISEKO IV - A Computer Code for Calculating the Aerosol Behavior in Closed Vessels.
DE84752251 **10**-*522,723* PC **A03**/MF **A01**

**KFK-3557**
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DE85752125 **26**-*561,594* PC **A05**/MF **A01**

**KFK-3560**
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DE84751451 **03**-*507,037* PC **A04**/MF **A01**

**KFK-3565**
Investigation of Meso-Scale Atmospheric Transport Phenomena in the Environment of the Karlsruhe Nuclear Research Center by Use of Radar-Tracked Tetroons.
DE84752331 **10**-*521,083* PC **A05**/MF **A01**

**KFK-3568**
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DE84750345 **03**-*507,144* PC **A02**/MF **A01**

**KFK-3575**
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DE84752127 **10**-*521,718* PC **A04**/MF **A01**

**KFK-3578**
Determination Methods for Plutonium as Applied in the Field of Reprocessing.
DE84752239 **10**-*522,682* PC **A10**/MF **A01**

**KFK-3599**
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DE84751224 **03**-*505,980* PC **A09**/MF **A01**

**KFK-3600**
Radiation Exposure to the Staff of the Karlsruhe Nuclear Research Center, 1969-1981.
DE84750168 **03**-*505,731* PC **A03**/MF **A01**

**KFK-3603**
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DE84751601 **02**-*504,815* PC **A06**/MF **A01**

**KFK-3606**
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DE84751812 **04**-*508,783* PC **A02**/MF **A01**

**KFK-3607-B**
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DE84752165 **05**-*512,321* PC **A03**/MF **A01**

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DE85751642 **22**-*551,062* PC **A07**/MF **A01**

**KFK-3614**
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DE84751612 **02**-*504,816* PC **A06**/MF **A01**

**KFK-3615**
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DE84751515 **05**-*511,457* PC **A02**/MF **A01**

**KFK-3617**
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DE85750074 **12**-*527,901* PC **A02**/MF **A01**

**KFK-3627**
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DE84751800 **03**-*506,433* PC **A03**/MF **A01**

**KFK-3629**
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DE84751810 **04**-*510,085* PC **A04**/MF **A01**

**KFK-3630**
Contributions to Thermal and Fluid Dynamic Problems in Nuclear Technology.
DE84751796 **02**-*504,660* PC **A12**/MF **A01**

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DE84751603 **04**-*508,650* PC **A04**/MF **A01**

**KFK-3632**
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DE84752328 **11**-*525,274* PC **A05**/MF **A01**

**KFK-3634**
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DE84752332 **10**-*522,865* PC **A03**/MF **A01**

**KFK-3636**
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DE84751523 **05**-*512,308* PC **A04**/MF **A01**

**KFK-3638**
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DE84751347 **01**-*502,162* PC **A02**/MF **A01**

**KFK-3640**
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DE85750509 **17**-*538,247* PC **A06**/MF **A01**

**KFK-3644-B**
Experiments with the SUR 100 Training Reactor.
DE85750106 **12**-*527,856* PC **A06**/MF **A01**

**KFK-3646**
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DE85750479 **20**-*546,748* PC **A03**/MF **A01**

**KFK-3652**
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DE84751808 **03**-*507,592* PC **A05**/MF **A01**

**KFK-3654**
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DE84751517 **05**-*512,306* PC **A14**/MF **A01**

**KFK-3656**
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DE84751600 **03**-*507,196* PC **A02**/MF **A01**

**KFK-3657**
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DE85780102 **11**-*525,250* PC **A07**/MF **A01**

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DE84751826 **02**-*504,779* PC **A23**/MF **A01**

**KFK-3660**
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DE85750064 **09**-*519,350* PC **A11**/MF **A01**

**KFK-3661**
Evaluation of Test- and Estimation Procedures for the Detection of Material Losses.
DE84751626 **03**-*507,198* PC **A04**/MF **A01**

**KFK-3662**
Minimization of Separative Power Losses of a Separation Nozzle Plant with Double Deflection Systems for Enrichment of Uranium-235 by Appropriate Operation.
DE84752250 **11**-*525,010* PC **A05**/MF **A01**

**KFK-3664**
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DE84751602 **04**-*510,084* PC **A03**/MF **A01**

**KFK-3666**
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DE84751809 **04**-*510,107* PC **A03**/MF **A01**

**KFK-3667**
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DE84751522 **05**-*512,307* PC **A07**/MF **A01**

**KFK-3668**
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DE84752264 **10**-*522,864* PC **A02**/MF **A01**

**KFK-3669**
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DE84751630 **04**-*508,875* PC **A02**/MF **A01**

**KFK-3670**
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DE84751925 **05**-*512,318* PC **A12**/MF **A01**

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**KFK-3673**
Dissolution of Unirradiated UO sub 2 -Pellets in Nitric Acid.
DE84751915 **09**-*518,881* PC **A09**/MF **A01**

**KFK-3675**
Conditioning of Cladding Hulls and Tritiated Waste Waters with Hydraulic Cements.
DE84752253 **10**-*522,683* PC **A03**/MF **A01**

**KFK-3678**
OPTIMA - Computation of the Optical Properties of Single Homogeneous or Coated Mie-Particles.
DE84751786 **04**-*508,063* PC **A05**/MF **A01**

**KFK-3679**
Analytical Chemistry of Technetium. Pt. 1.
DE84751605 **03**-*505,878* PC **A02**/MF **A01**

**KFK-3680**
TASKA-M - A Low Cost, Near Term Tandem Mirror Device for Fusion Technology Testing.
DE84752167 **11**-*524,936* PC **A25**/MF **A01**

**KFK-3681-B**
Vacuum System of the Karlsruhe Magnetic Spectrograph 'Little John'.
DE85751894 **26**-*561,282* PC **A02**/MF **A01**

**KFK-3683**
Results of Research and Development Activities in 1983 of the Institut fuer Neutronenphysik und Reaktortechnik.
DE84752262 **10**-*522,799* PC **A03**/MF **A01**

**KFK-3685**
Report on Research and Development Activities in 1983 of the Institut fuer Reaktorentwicklung.
DE84752260 **11**-*525,225* PC **A03**/MF **A01**

**KFK-3687**
Report on Research and Development Activities in 1983 of the Hauptabteilung Ingenieurtechnik.
DE84752263 **11**-*525,226* PC **A02**/MF **A01**

**KFK-3688**
Results of Research and Development Activities in 1983 of the Institut fuer Material- und Festkoerperforschung.
DE84752261 **10**-*522,798* PC **A03**/MF **A01**

**KFK-3689**
Report on the Results of Research and Development Work in 1983 of the Institut fuer Kernverfahrenstechnik.
DE84752300 **09**-*519,925* PC **A02**/MF **A01**

**KFK-3690**
Report on the Results of Research and Development in 1983 of the Institut fuer Heisse Chemie.
DE85750983 **19**-*543,952* PC **A03**/MF **A01**

**KFK-3691**
Report on Research and Development Work 1983 of the Institut fuer Radiochemie.
DE85750096 **11**-*525,167* PC **A03**/MF **A01**

**KFK-3692**
Report on Research and Development Work 1983 of the Institut fuer Nukleare Entsorgungstechnik.
DE85750095 **13**-*530,138* PC **A03**/MF **A01**

**KFK-3694**
Status Report on Research and Development Activities 1983 of Abteilung fuer Angewandte Systemanalyse.
DE84752232 **09**-*519,170* PC **A02**/MF **A01**

**KFK-3696**
Review of Results of Research and Development Work Carried out by the Institut fuer Technische Physik in 1983.
DE85750483 **20**-*546,096* PC **A03**/MF **A01**

**KFK-3700**
Research and Development Work Carried out in 1983 by the Enticklungsabteilung Kernmaterialsicherung.
DE85750484 **13**-*530,248* PC **A02**/MF **A01**

**KFK-3701**
Triggered Fragmentation Experiment with Sodium, Silicone Oil and Pentane.
DE84752123 **11**-*525,224* PC **A07**/MF **A01**

**KFK-3704**
Nuclear Technology and Forest Dieback.
DE84752099 **05**-*512,289* PC **A03**/MF **A01**

**KFK-3705**
INTOR Phase IIA, Magnet System Design - European Contribution.
DE84752169 **11**-*524,937* PC **A06**/MF **A01**

**KFK-3706**
Neutron Density and Temperature of the Weak S-Process Component.
DE85750532 **15**-*534,916* PC **A07**/MF **A01**

**KFK-3707**
Fluid-Structure-Interaction of the Pressurized Water Reactor Core Internals During Blowdown - Numerical Simulation with a Homogenization Model.
DE84751923 **05**-*512,317* PC **A07**/MF **A01**

**KFK-3708**
Isoscalar Transition Rates of S-D Shell Nuclei Using a Modified Implicit Folding Procedure.
DE84751625 **03**-*507,586* PC **A03**/MF **A01**

**KFK-3710**
Program to Calculate the Efficiency of a 4 pi Scintillation Detector.
DE85750721 **16**-*536,574* PC **A04**/MF **A01**

**KFK-3711**
Investigations on the Aging of Activated Carbons in the Exhaust Air of a Pressurized Water Reactor (PWR 4).
DE84752254 **10**-*522,797* PC **A03**/MF **A01**
Investigations on the Aging of Activated Carbons in the Exhaust Air of a Pressurized Water Reactor (PWR 4).
DE84752334 **10**-*522,666* PC **A03**/MF **A01**

**KFK-3712**
Fast Data Acquisition System for Spectroscopy Experiments.
DE85750299 **15**-*534,554* PC **A07**/MF **A01**

**KFK-3713**
Natural Convection Heat Transfer Below Downward Facing Horizontal Surfaces.
DE84752121 **10**-*523,118* PC **A03**/MF **A01**

**KFK-3715**
Radioecological Studies of the Impacts of Tritiun Emissions as Explained by the Example of KfK (Karlsruhe Nuclear Research Centre, Federal Republic of Germany).
DE84752291 **10**-*522,724* PC **A06**/MF **A01**

**KFK-3716**
Significance of Cesium in LMFBR and LWR Safety Analysis.
DE85750289 **16**-*536,680* PC **A03**/MF **A01**

**KFK-3717**
Compatibility of Materials for Pressurized Cylinders with Unpurified Rubidium.
DE84752100 **05**-*511,944* PC **A03**/MF **A01**

**KFK-3718**
Magnetic Field Measurements in the Electron Cooling Device for LEAR.
DE84752339 **09**-*520,258* PC **A04**/MF **A01**

**KFK-3719**
Scientific Work of Leonardo Caldarola.
DE84752155 **11**-*525,051* PC **A04**/MF **A01**

**KFK-3720**
Progress Report on Research and Development Work 1983 of the Nuclear Fusion Project.
DE84752252 **11**-*524,939* PC **A03**/MF **A01**

**KFK-3721**
Annealing Behaviour of Nb sub 3 Ge Films Irradiated at Low Temperature.
DE84752305 **10** *523,102* PC **A03**/MF **A01**

**KFK-3722**
Tunneling Spectroscopy on Superconducting Nb sub 3 Sn with Artificial Barriers.
DE84752324 **09**-*520,719* PC **A05**/MF **A01**

**KFK-3723**
Investigations of the Atomic Structure of Amorphous Ytterbium-Alloys by Moessbauer Spectroscopy.
DE84752306 **10**-*522,925* PC **A06**/MF **A01**

**KFK-3724**
Influence of Benard-Convection on Solid-Liquid-Interfaces.
DE84752152 **01**-*502,377* PC **A05**/MF **A01**

**KFK-3726**
Dose Estimation by Simultaneous Measurement of the Radon/Thoron Concentration and the Equilibrium Factors in Air Using a Passive Dosemeter.
DE84751930 **08**-*517,453* PC **A06**/MF **A01**

**KFK-3727**
Fusion Technology Programme.
DE84752247 **11**-*524,938* PC **A03**/MF **A01**

**KFK-3732**
Accuracy of X-Ray Lithography Using Synchrotron Radiation for the Fabrication of Technical Separation Nozzle Elements.
DE84752164 **09**-*519,924* PC **A05**/MF **A01**

**KFK-3733**
Neutron Irradiation Effects on Superconducting and Stabilizing Materials for Fusion Magnets.
DE84752259 **11**-*524,940* PC **A04**/MF **A01**

**KFK-3734**
Control Program of the Neutron Four-Circle-Diffractometer P110 at the ORPHEE Reactor/CEN Saclay.
DE84752289 **09**-*519,937* PC **A06**/MF **A01**

**KFK-3735**
Dynamic Density Dependence of the alpha-Nucleon Force in Folding Models of Inelastic Scattering of alpha-Particles.
DE84752161 **09**-*520,440* PC **A02**/MF **A01**

**KFK-3736**
Availability Studies for Nuclear Plants: Models, Methods, Computer-Codes.
DE85750999 **20**-*546,267* PC **A06**/MF **A01**

**KFK-3739**
Investigation of a Natural Convection in a Small Slot Using a Finite Difference Method.
DE85750304 **17**-*539,296* PC **A04**/MF **A01**

**KFK-3742**
Static and Dynamic Experiments for the Retention of Cesium in Nitrate Containing, Nitric Acid Solutions.
DE85751552 **20**-*546,268* PC **A03**/MF **A01**

**KFK-3743**
Computer Programs for Evaluation of Turbulence Characteristics from Hot-Wire Measurements.
DE84752325 **10**-*522,942* PC **A07**/MF **A01**

**KFK-3744**
Computer-Controlled Rig for Measurements of Velocity and Turbulence Distributions by Hot-Wires.
DE85750472 **20**-*546,366* PC **A04**/MF **A01**

**KFK-3745**
Structure of the Group-Constant-Library GRUBA and Its Management by the Program-System GRUMA.
DE85750727 **17**-*539,211* PC **A03**/MF **A01**

**KFK-3746**
Parametric Investigations on the Retention of Methyl Iodide by a KI-Impregnated Activated Carbon.
DE85750298 **16**-*536,658* PC **A04**/MF **A01**

**KFK-3749**
Microprocessor-Based Integrated LMFBR Core Surveillance.
DE85780748 **17**-*539,148* PC **A13**/MF **A01**

**KFK-3750**
Concepts of Fabricating Multichannel Plates for Image Intensifiers by X-Ray Lithography and Micro-Electroforming.
DE85750723 **20**-*545,884* PC **A02**/MF **A01**

**KFK-3751**
Meteorological System and the Basic Parameters Required for Predicting the Transfer of Radionuclides Released into the Atmosphere.
DE85750019 **10**-*522,728* PC **A03**/MF **A01**

**KFK-3753**
Modeling Steady State and Transient Fission Gas Behaviour with the Karlsruhe Code LAKU.
DE85750477 **20**-*546,367* PC **A05**/MF **A01**

**KFK-3754**
Retention and Thermic Desorption of Molybdate Anions on Inorganic Exchangers.
DE85780754 **17**-*537,686* PC **A03**/MF **A01**

**KFK-3755**
Some Considerations on Tritium Control in a Helium Cooled Ceramic Blanket for the NET Reactor.
DE84752309 **11**-*524,942* PC **A03**/MF **A01**

**KFK-3756**
Influence of Gradual Density Transition and Nonlinear Saturation on Rayleigh-Taylor Instability Growth.
DE85750300 **16**-*536,870* PC **A05**/MF **A01**

**KFK-3758**
Search for New Particles at PETRA.
DE84752338 **09**-*520,449* PC **A02**/MF **A01**

**KFK-3760**
IDA-80 Measurement Evaluation Programme on Mass Spectrometric Isotope Dilution Analysis of Uranium and Plutonium. Vol. 1.
DE85751623 **23**-*553,823* PC **A09**/MF **A01**

**KFK-3761**
IDA-80 Measurement Evaluation Programme on Mass Spectrometric Isotope Dilution Analysis of Uranium and Plutonium. Vol. 2.
DE85751647 **23**-*552,518* PC **A06**/MF **A01**

**KFK-3763**
Measurements of Local Temperature Distributions in Rod Bundles with Sodium Flow.
DE85751881 **26**-*561,585* PC **A09**/MF **A01**

**KFK-3765**
Investigations of the Radial Distributions of Nucleons in 1FSUB(7/2)-Shell Nuclei by Elastic alpha Particle Scattering.
DE85751515 **20**-*546,793* PC **A06**/MF **A01**

**KFK-3766**
High-Energy Dual Beam Facility.
DE85750512 **15**-*534,542* PC **A03**/MF **A01**

**KFK-3770**
Frequency Distributions of Activity Concentrations after Accidential Releases of Radionuclides.
DE85750297 **16**-*536,645* PC **A04**/MF **A01**

**KFK-3772**
High-Temperature Vapor Pressures of Stainless Steel Type 1.4970 and of Some Other Pure Metals from Laser Evaporation.
DE85750764 **17**-*538,252* PC **A03**/MF **A01**

**KFK-3773**
Superconductivity, Spin Fluctuations and Lattice Instability of V sub 2 ZrHsub(X).
DE85750471 **20**-*546,995* PC **A04**/MF **A01**

**KFK-3774-B**
Measurements on Scintillation Light from Liquid Argon.
DE85780750 **17**-*538,900* PC **A05**/MF **A01**

**KFK-3775**
Fast Breeder Fuel Cycle. Fuel Elements and Fuel Element Reprocessing.
DE85750726 **17**-*539,198* PC **A10**/MF **A01**

**KFK-3776**
Retention of Elemental sup 131 I by Activated Carbons under Accident Conditions.
DE85750772 **17**-*539,109* PC **A05**/MF **A01**

**KFK-3778**
Retention of sup 131 I Volatilized from Aqueous Solutions by Sorbents.
DE85751907 **26**-*561,517* PC **A03**/MF **A01**

**KFK-3779**
Validation of the Intra-Nuclear-Cascade-Evaporation Model for Particle Production.
DE85751639 **22**-*551,622* PC **A09**/MF **A01**

**KFK-3780**
Nitrogen Large Area Proportional Counter with Gas Regeneration.
DE85750779 **16**-*536,576* PC **A02**/MF **A01**

**KFK-3781**
Investigation of the Neutron-Proton-Interaction in the Energy Range from 20 to 50 MEV.
DE85750295 **15**-*534,900* PC **A05**/MF **A01**

**KFK-3782**
Triennial Report 1981-83 of the Institute for Genetics and for Toxicology.
DE85780948 **20**-*544,885* PC **A09**/MF **A01**

**KFK-3783**
Alpha -Spectrometric Device Equipped with Semiconductors for Direct Measurement of Transuranium Elements on Large Area Filters.
DE85750778 **16**-*536,575* PC **A02**/MF **A01**

**KFK-3784**
Fast Radiochemical Procedure to Measure Tc-99 in Environmental Samples and Gaseous and Liquid Effluents.
DE85750505 **17**-*538,696* PC **A04**/MF **A01**

**KFK-3785**
Calorimeter for the Determination of Nuclear Heat Sources in Intermediate Level Radioactive Waste Barrels - Containing Pieces of PWR Cladding and Fuel Assembly Structural Members in a Cement Matrix from Reprocessing.
DE85750986 **20**-*546,266* PC **A06**/MF **A01**

**KFK-3786-B**
Fuel Rod Simulator Effects in Flooding Experiments Single Rod Tests.
DE85750773 **17**-*539,110* PC **A03**/MF **A01**

**KFK-3787**
Stochastic Short-Term and Long-Term Models Describing Radioactive Iodine Release from the PASSAT Offgas Cleaning Facility.
DE85750985 **19**-*543,918* PC **A09**/MF **A01**

**KFK-3788**
Graphics Based Remote Handling Control System.
DE85750720 **17**-*538,871* PC **A04**/MF **A01**

**KFK-3790**
Model Calculations of Stresses and Deformations in Rock Salt in the Near Field of Heated Boreholes.
DE85750476 **13**-*530,140* PC **A03**/MF **A01**

**KFK-3791**
Electric Heating - Possible Uses and Costs of Associated Grid Expansion.
DE85750502 **12**-*527,227* PC **A04**/MF **A01**

**KFK-3793**
Production of Value and Entropy in Separation Nozzles. Numerical Calculations Based on Molecular Probe Measurements.
DE85751131 **23**-*553,822* PC **A07**/MF **A01**

**KFK-3794**
Materials Analysis by Ion Backscattering and Channeling. Materials Modification by Ion Irradiation and Implementation.
DE85750982 **21**-*549,007* PC **A06**/MF **A01**

**KFK-3796**
Retention of Elemental sup 131 I by Activated Carbons under Extreme Conditions.
DE85751532 **20**-*546,304* PC **A03**/MF **A01**

**KFK-3797**
Laser Spectroscopic Study of the Optical Isotope Shift and Hyperfine Structure of Stable and Radioactive Lead- and Tin-Nuclides.
DE85750573 **15**-*534,932* PC **A05**/MF **A01**

**KFK-3798**
Optical Potential for sup 6 Li- sup 6 Li Elastic Scattering at 156 MeV.
DE85750792 **15**-*534,962* PC **A02**/MF **A01**

**KFK-3801**
Neutronic Studies of Fissile and Fusile Breeding Blankets.
DE85750776 **17**-*538,873* PC **A06**/MF **A01**

**KFK-3802**
Examination of Transpassive Nitric Acid Corrosion Behavior of Different Austenitic Stainless Steels by Prolongated Huey-Testing (65% HNO sub 3 , 120 deg C, 720 H).
DE85751134 **22**-*550,463* PC **A05**/MF **A01**

**KFK-3803**
SEDAP (System for Experimental Data Processing) - User Manual.
DE85750724 **17**-*537,943* PC **A05**/MF **A01**

**KFK-3809**
Solution of the Diffusion Problem for a Material with Fissure.
DE85750572 **17**-*538,324* PC **A02**/MF **A01**

**KFK-3812**
Interactive FORTRAN Program for the Evaluation of Structure Factors and Pair Distribution Functions from Neutron Diffraction Experiments.
DE85752101 **26**-*560,689* PC **A03**/MF **A01**

**KFK-3813**
Comparison Between Results Obtained by Different Hot-Wire Methods.
DE85751903 **26**-*561,695* PC **A04**/MF **A01**

**KFK-3815**
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DE85750793 **20**-*546,759* PC **A10**/MF **A01**

**KFK-3817**
Chemical Reactions and Aerosol Behavior in Stack Plumes with Condensing Atmosphere.
DE85752230 **22**-*550,648* PC **A10**/MF **A01**

**KFK-3818**
Experimental Investigations on the Fluid Flow Through an Asymmetric Rod Bundle (P/D = 1.148, W/D = 1.074).
DE85751902 **26**-*561,630* PC **A05**/MF **A01**

**KFK-3819**
Experiments for Liquid Metal Embrittlement of Fusion Reactor Materials by Liquid Lithium.
DE85751132 **22**-*550,462* PC **A09**/MF **A01**

**KFK-3821**
Calculated Release of Iodine under Different Operation Conditions.
DE85750771 **16**-*536,561* PC **A02**/MF **A01**

**KFK-3823**
Fusion Technology Programme.
DE85751641 **22**-*551,061* PC **A03**/MF **A01**

**KFK-3825**
Optimization of Activity Loading of Low and Medium Level Waste Packages.
DE85751646 **23**-*553,996* PC **A04**/MF **A01**

**KFK-3827**
Stellar Neutron Capture Rates of Sup(148,149,150)Sm.
DE85751539 **20**-*546,805* PC **A04**/MF **A01**

**KFK-3828**
Simulation of the Effects on the Time to Rupture of Unirradiated Fuel Rod Cladding Tubes of Specific Losses of Coolant Flow in the SNR-300 (Emergency Cooling Cases).
DE85751873 **26**-*561,584* PC **A03**/MF **A01**

**KFK-3830**
Analytic of Elements for the Determination of Soil- > Plant Transfer Factors.
DE85751908 **26**-*560,515* PC **A03**/MF **A01**

**KFK-3832**
On-Line Assay of Lead by the GRAF X-Ray Fluorescence Analytical Method in Lead-Zinc Ore Dressing.
DE85752210 **25**-*558,088* PC **A05**/MF **A01**

**KFK-3833**
MODEASY - A Program-System for Modification and Management of Stored Functions of One Independent Variable.
DE85751654 **22**-*550,240* PC **A07**/MF **A01**

**KFK-3834**
Safety Aspects of an Inertial Confinement Fusion Reactor.
DE85751900 **26**-*561,376* PC **A03**/MF **A01**

**KFK-3836**
Kinetic Investigation of TBP-Hydrolysis in the Purex System.
DE85751142 **23**-*553,995* PC **A04**/MF **A01**

**KFK-3838**
Status of the Nuclear Data Library KEDAK-4 - October 1984.
DE85751906 **26**-*561,651* PC **A04**/MF **A01**

**KFK-3839**
Study of MHD Problems in Liquid Metal Blankets of Fusion Reactors.
DE85752211 **25**-*558,939* PC **A04**/MF **A01**

**KFK-3843**
Test of an Optical Fibre-Laser-Photometer with Samples of the Facility PUTE.
DE85751140 **23**-*553,994* PC **A03**/MF **A01**

**KFK-3844**
Optical-Fiber-Laser-Photometer for in Line Measurements in the Purex Process.
DE85751141 **23**-*553,715* PC **A04**/MF **A01**

**KFK-3847**
Analysis of Clad Motion Phenomena; Application of the CMOT-II-Code to Clad Melting Experiments.
DE85752096 **26**-*561,592* PC **A05**/MF **A01**

**KFK-3848**
Oxidation of Zircaloy-4 under Limited Steam Supply at 1000 and 1300 deg C.
DE85751551 **20**-*546,207* PC **A03**/MF **A01**

**KFK-3851**
Static Nuclear Polarisation and Polarised Targets.
DE85751553 **20**-*546,572* PC **A03**/MF **A01**

**KFK-3852**
Applications of Spontaneous Laser Raman Spectroscopy in the Nuclear Fuel Cycle.
DE85751531 **20**-*544,985* PC **A03**/MF **A01**

**KFK-3853**
Behavior and Mechanism of Sorption of Uranylperoxocarbonato-Complexes on Anion Exchanger Systems.
DE85751911 **26**-*561,631* PC **A07**/MF **A01**

**KFK-3855**
MUSTAFA And MUSTAMO, Computer Programs for Analysis of Fault Trees with Multistate-Components.
DE85751645 **22**-*550,239* PC **A04**/MF **A01**

**KFK-3856**
Investigation on Nuclear Aerosols Generated in the Core Melting Facility SASCHA.
DE85751909 **26**-*561,518* PC **A03**/MF **A01**

**KFK-3857**
Plating-out of Droplets and Particles with Diameter from 1-9 mu M in Horizontal Pipes and in 90 deg Pipe Bends.
DE85751621 **23**-*553,589* PC **A02**/MF **A01**

**KFK-3858**
Upgrading the CELLO Track Detector.
DE85751627 **22**-*551,116* PC **A02**/MF **A01**

**KFK-3859**
Nonsteady End Effects in Hele-Shaw Cells.
DE85752218 **25**-*558,810* PC **A03**/MF **A01**

**KFK-3860**
FORTRAN-77 Version of the Karlsruhe Program System KAPROS.
DE85751905 **26**-*561,589* PC **A14**/MF **A01**

**KFK-3861**
Two-Phase Flow Through Small Branches in a Horizontal Pipe with Stratified Flow.
DE85751882 **26**-*561,586* PC **A07**/MF **A01**

**KFK-3862**
Two-Phase Flow Through Small Branches in a Horizontal Pipe with Stratified Flow.
DE85751901 **26**-*561,588* PC **A07**/MF **A01**

**KFK-3864**
Economics of an Advanced Pressurized Water Reactor (APWR).
DE85751910 **26**-*561,590* PC **A06**/MF **A01**

**KFK-3865**
EFDRAW: A Code to Draw EFFI Coils in a Central Perspective.
DE85752212 **25**-*558,142* PC **A03**/MF **A01**

**KFK-3866**
Radon Measurements in Mines and Dwellings.
DE85751622 **22**-*551,182* PC **A04**/MF **A01**

**KFK-3868**
Voltammetric Assay of Extremely Low Technetium Concentrations Following Enrichment at the HMDE after Reaction with Thiocyanate.
DE85751643 **23**-*552,449* PC **A02**/MF **A01**

**KFK-3871**
Manpower and Areas of Activity in the Nuclear Research Centers in the Federal Republic of Germany.
DE85752208 **25**-*559,052* PC **A03**/MF **A01**

**KFK-3872**
Prediction Methods in Parametric Signal Models for Early Failure Detection.
DE85751886 **26**-*561,587* PC **A04**/MF **A01**

**KFK-3875**
Stress and Lifetime Calculations for First Wall and Blanket Structural Components. Pt. 1.
DE85751640 **22**-*551,060* PC **A05**/MF **A01**

**KFK-3876**
Investigations into the Pressure Drop and Mass Flow Distribution of Two-Phase Flow in Rectangular T-Junctions.
DE85752136 **26**-*550,518* PC **A07**/MF **A01**

**KFK-3881**
Development of the SOPKA-E Energy Model into a Goods Entwinement Model of National Economy.
DE85752674 **26**-*560,799* PC **A10**/MF **A01**

**KFK-3909**
Matrix Correction for PIXE in Biomedical Samples.
DE85752098 **26**-*560,265* PC **A02**/MF **A01**

**KFKI-1981-11**
Fast-Slow Coincidence Systems with Very High Time Resolution.
DE81700541 **20**-*546,118* PC **A02**/MF **A01**

**KFKI-1981-20**
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DE81700558 **20**-*546,324* PC **A03**/MF **A01**

**KFKI-1981-22**
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**KFKI-1983-100**
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**KFKI-1983-103**
Quantum Relativity Theory
DE84703091 **08**-*518,081* PC **A04**/MF **A01**

**KFKI-1983-105**
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DE84703097 **08**-*518,083* PC **A02**/MF **A01**

**KFKI-1983-106**
Pinning of Charge Density Waves by Irradiation Induced Defects in Orthorhombic TaS sub 3.
DE84703106 **09**-*520,713* PC **A02**/MF **A01**

**KFKI-1983-109**
Proposal for Electron Beam Induced Remote Sensing X-Ray Fluorescence Investigation of Minor Bodies in the Solar System. Experiment IND-X.
DE84703109 **09**-*518,411* PC **A03**/MF **A01**

**KFKI-1983-110**
Quantization of Spacetime and the Corresponding Quantum Mechanics.
DE84703183 **09**-*520,628* PC **A03**/MF **A01**

**KFKI-1983-111**
Neutron Diffraction Experiments on Amorphous Alloys.
DE84703105 **09**-*519,384* PC **A03**/MF **A01**

**KFKI-1983-115**
One-Loop Infinities in Dimensionally Reduced Supergravities.
DE84703098 **08**-*518,084* PC **A02**/MF **A01**

**KFKI-1983-116**
New Results in Quantum Supergravity.
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**KFKI-1983-127**
Simulation of the Dynamic Behaviour of the Primary Circuit in a WWER-440 Type Nuclear Power Plant Pt. 1.
DE84703156 **05**-*512,304* PC **A03**/MF **A01**

**KFKI-1983-128**
Hydrodynamical Description of the Quark-Gluon Plasma Formation in Heavy-Ion Collisions at Intermediate Energies.
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**KFKI-1983-131**
Volume Corrections for the Specific Entropy in Nucleon-Deuteron Mixtures.
DE84703117 **08**-*517,934* PC **A02**/MF **A01**

**KFKI-1984-10**
Technical Constraints for the GUT Scale Parameter.
DE85700061 **09**-*518,428* PC **A02**/MF **A01**

**KFKI-1984-17**
Giant Sawtooth Oscillation in Ohmically Heated Tokamak Plasma.
DE85700051 **11**-*525,547* PC **A02**/MF **A01**

**KFKI-1984-24**
Critical Temperature of Nuclear Matter at the Liquid-Gas Phase Transition in a Nonlinear Field Theoretical Model.
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**KFKI-1984-25**
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**KFKI-1984-26**
Computational Response Study of Personal and Albedo Neutron Dosemeters Composed of Solid State Track Detectors Based on (n, alpha ) Reaction.
DE85780522 **16**-*536,585* PC **A02**/MF **A01**

**KFKI-1984-27**
Neutron Spectra and Dose Distribution Studies by Measurements and Calculations in Elliptical Phantoms Using for Cyclotron, 3.2 MeV and 14 MeV Neutrons.
DE85780510 **17**-*539,072* PC **A02**/MF **A01**

**KFKI-1984-28**
Exactly Soluble Model for Light Particle Emission and Transfer in Heavy Ion Reactions.
DE85700083 **09**-*520,519* PC **A02**/MF **A01**

**KFKI-1984-33**
Thermodynamics of Negative Absolute Pressures.
DE85700070 **09**-*520,662* PC **A02**/MF **A01**

**KFKI-1984-34**
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**KFKI-1984-35**
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**KFKI-1984-36**
Study on the Fast Neutron Sensitivity of Thermoluminescent Detectors.
DE85780523 **16**-*536,586* PC **A02**/MF **A01**

**KFKI-1984-41**
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**KFKI-1984-43**
Quantum Relativity Theory and Quantum Space-Time.
DE85700020 **09**-*520,652* PC **A02**/MF **A01**

**KFKI-1984-44**
Code for Calculating Production and Transfer of Radionuclides in Nuclear Reactor System (TIBSO-TC Program).
DE85780533 **17**-*539,218* PC **A03**/MF **A01**

**KFKI-1984-45**
Canonical Quantization of Local Field Theories.
DE85700029 **09**-*520,656* PC **A02**/MF **A01**

**KFKI-1984-47**
Non-Local Charged Fields and the Phases of the *Z(2)* Higgs Model.
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**KFKI-1984-51**
Radiative Corrections for Semileptonic Decays of Hyperons: The 'Model Independent' Part.
DE85700065 **09**-*520,503* PC **A02**/MF **A01**

**KFKI-1984-52**
Remark on Electron-Neutrino Correlation in Semileptonic Decays.
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**KFKI-1984-53**
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**KFKI-1984-62**
Identification of Gravitation with the Massless Spin 2 Field.
DE85700021 **09**-*520,653* PC **A02**/MF **A01**

**KFKI-1984-63**
Finite Quantum Gravity.
DE85700022 **09**-*520,654* PC **A02**/MF **A01**

**KFKI-1984-64**
Einstein-Cartan's Theory of Gravitation.
DE85700023 **09**-*520,655* PC **A02**/MF **A01**

**KFKI-1984-70**
Gupta-Bleuler Quantisation of the Free Massless Spin 2 Field.
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Remark on Ambartsunian's Protostars.
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**KFKI-1984-75**
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DE85701176 **20**-*544,583* PC **A03**/MF **A01**

**KFKI-1984-78**
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DE85701354 **25**-*559,241* PC **A02**/MF **A01**

**KFKI-1984-81**
Thermoluminescent Dose Measurements on Board Salyut Type Orbital Stations.
DE85701248 **22**-*551,112* PC **A02**/MF **A01**

**KFKI-1984-82**
Methods of Remote Surface Chemical Analysis for Asteroid Missions.
DE85701177 **20**-*544,564* PC **A02**/MF **A01**

**KFKI-1984-83**
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DE85701188 **20**-*546,741* PC **A02**/MF **A01**

**KFKI-1984-88**
Spherical Hydrodynamical Expansion of Weakly Excited Blobs of Nuclear Matter.
DE85701323 **25**-*559,553* PC **A02**/MF **A01**

**KFR-119-79**
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AD-B082 797/2 **19**-*543,752* PC **A10**/MF **A01**

**KFR-234-79**
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**KFR-235-79**
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**KFTI-81-52**
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**KFTI-82-31**
Possibility of Measuring G and H Parameters in the gamma p Yields N pi exp + and gamma p Yields p pi exp 0 Reactions.
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**KFTI-82-35**
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**KFTI-82-37**
Correlation of the Elastic Pion Production Processes at the Lepton-Nucleus Interaction.
DE84702816 **08**-*517,880* PC **A02**/MF **A01**

**KFTI-82-47**
Mechanical Properties and Microstructure of Welded Joints of Eh-125 Alloy (Zr-2.5%Nb) in the 20 to 650 Deg C Range Following Programmed Hardening.
DE84702907 **05**-*511,949* PC **A02**/MF **A01**

**KFTI-82-56**
Application of Distorted Wave Method in Direct Nuclear Reactions with Polarized Particles.
DE84702852 **08**-*517,909* PC **A02**/MF **A01**

**KFTI-83-5**
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DE84702681 **01**-*502,450* PC **A03**/MF **A01**

**KFTI-83-6**
Helium Adsorption on Different Adsorbents at Low Temperatures.
DE84703337 **09**-*520,747* PC **A03**/MF **A01**

**KFTI-83-7**
Form Coefficient of Helical Toroidal Solenoids.
DE84702782 **09**-*519,066* PC **A02**/MF **A01**

**KFTI-83-16**
Mathematical Model of Particle and Energy Balance in a Tokamak with Adiabatic Compression and Its Comparison with the Experiment of the Tuman-3 Device.
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**KFTI-83-21**
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**KFTI-83-24**
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**KFTI-83-26**
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**KFTI-83-30**
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Excitation Theory for Quadrupole-Octupole Degree of Freedom of Nuclei.
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**KFTI-83-33**
Simulation of Physical Sputtering of Metal Surface: Certification of Modified Method of Binary Collisions.
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Description of Monopole Giant Resonances in the Random Phase Approximation.
DE85700686 **20**-*546,696* PC **A02**/MF **A01**

**KFTI-83-40**
Simulation of Physical Sputtering of Metal Surface: Algorithm of Modified Method of Binary Collisions.
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**KFTI-83-41**
Kinetics of Gaseous Porosity at Filling Pores by Molecular Gas.
DE84703405 **17**-*539,081* PC **A02**/MF **A01**

**KFTI-83-42**
Forced Scattering of Electromagnetic Wave by Relativistic Electron Beam in a Matter.
DE85700731 **23**-*554,255* PC **A02**/MF **A01**

**KFTI-83-43**
High-Temperature Radiation Embrittlement of Materials. Analytical Review.
DE84703406 **17**-*539,188* PC **A03**/MF **A01**

**KGI-PREPINT-075**
Observations of Low Energy Magnetospheric Plasma Outside the Plasmasphere.
N85-32004/2 **23**-*552,022* PC **A02**/MF **A01**

**KGI-PREPRINT-070**
Ion Waves Generated by Ion Loss-Cone Distributions or Drifting Particles.
N85-32087/7 **23**-*552,026* PC **A03**/MF **A01**

Ion Waves Generated by Ion Loss-Cone Distributions or Drifting Particles.
PB85-167112 **12**-*526,013* PC **E04**/MF **E01**

**KGI-PREPRINT-071**
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N85-27697/0 **19**-*544,236* PC **A03**/MF **A01**

**KGI-PREPRINT-072**
Influence of a Turbulent Region on the Flux of Auroral Electrons.
N85-31723/8 **23**-*552,018* PC **A02**/MF **A01**

Influence of a Turbulent Region on the Flux of Auroral Electrons.
PB85-167138 **12**-*526,015* PC **E03**/MF **E01**

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PB85-223824 **21**-*547,265* PC **E04**/MF **E01**

**KGI-064**
Observation of He + Ions in the Solar Wind.
DE85700894 **20**-*544,562* PC **A02**/MF **A01**

**KGI-182**
Spatial Monitoring of Auroral Emissions.
DE85700301 **15**-*532,986* PC **A02**/MF **A01**

**KGI-184**
Simultaneous Observations of Electron Spectra in the Auroral Zone and Near the Equatorial Plane by the DMSP-5D-F2 and GEOS-1 Satellites.
N85-18522/1 **12**-*526,006* PC **A02**/MF **A01**

**KGI-185**
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DE85781093 **24**-*554,674* PC **A08**/MF **A01**

Pitch Angle Scattering and Particle Precipitation in a Pulsating Aurora: An Experimental Study.
N85-18523/9 **12**-*526,007* PC **A08**/MF **A01**

**KHM-TR-30**
Properties of Coal and Their Variations.
DE84752053 **08**-*518,212* PC **A11**/MF **A01**

**KHM-TR-37**
Changing to Domestic Fuels or Municipal Waste in Coal Boilers. Technical and Environmental Problems.
DE85750165 **12**-*528,213* PC **A06**/MF **A01**

**KHM-TR-48**
Technical Properties of Waste Products from Coal Combustion. A Laboratory Study.
DE85751417 **17**-*538,698* PC **A07**/MF **A01**

**KHM-TR-57**
Purification of Flue Gas from Coal-Fired Power Plants.
DE85750873 **17**-*538,468* PC **A17**/MF **A01**

**KHM-TR-67**
Retention, Metabolism, and Distribution of B(a)P-Coated Coal and Oil Fly Ash Intractracheally Instilled in Hamster.
DE85751418 **18**-*540,242* PC **A04**

**KHM-TR-68**
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DE85750213 **08**-*517,114* PC **A06**/MF **A01**

**KHM-TR-69**
Corrosivity of Coal Ashes.
DE84752055 **08**-*516,866* PC **A03**/MF **A01**

**KHM-TR-72**
Cost of Coal-Fired Plants and Related Equipment for Environmental Protection.
DE84751662 **08**-*518,211* PC **A08**/MF **A01**

**KHM-TR-73**
Investigation of Aged Fly Ash Depositions at Asnesvaerket.
DE85750155 **11**-*524,037* PC **A05**/MF **A01**

**KHM-TR-74**
Plume Model for Nitrogen Oxides.
DE85750874 **17**-*537,147* PC **A04**/MF **A01**

**KHM-TR-75**
Effects of Solid Fuel Fired Plants for District Heating. Air Quality Studies in Two Towns.
DE84751660 **08**-*517,013* PC **A09**/MF **A01**

**KHM-TR-76**
Mercury Species Present in Smoke from Coal Fire. Water Soluble Mercury Species in Air and Precipitation.
DE84751665 **08**-*516,392* PC **A05**/MF **A01**

**KHM-TR-77**
Effects of SO sub 2 , an Epidemiologic Investigation.
DE84752052 **09**-*518,796* PC **A04**/MF **A01**

**KHM-TR-80**
Genotoxic Effects of Benzo(A)Pyrene.
DE84752051 **09**-*518,795* PC **A03**/MF **A01**

**KHM-TR-82**
Radiobiological Investigation of Uptake in Standing Crops. Farming Crops Uptake of Trace Elements from Soil and Atmosphere.
DE84752048 **09**-*518,726* PC **A05**/MF **A01**

**KHM-TR-84**
Leaching of Waste Products from Coal Combustion. A Literature Survey.
DE85751419 **17**-*537,670* PC **A06**/MF **A01**

**KHM-TR-88**
Health Hazards Due to Coal Dust in Places of Work and Environment.
DE85750875 **17**-*537,546* PC **A03**/MF **A01**

**KHM-TR-89**
Mercury Collection in an Electrostatic Precipitator and a Flue Gas Desulphurization Unit.
DE85750879 **19**-*543,490* PC **A03**/MF **A01**

**KHM-TR-90**
Transportation and Working Environment.
DE84752054 **09**-*518,740* PC **A04**/MF **A01**

**KHM-TR-92**
Use of Residues from Small Coal Combustion Plants.
DE85750876 **20**-*545,861* PC **A10**/MF **A01**

**KHM-TR-93**
Use of Waste Materials from Coal Combustion in Road Construction. A Summary.
DE84752056 **09**-*519,706* PC **A03**/MF **A01**

**KHM-TR-96**
Respiratory Disorder in the Public Near Coal Fired Power Plants.
DE85750877 **20**-*544,896* PC **A07**/MF **A01**

**KHM-TR-98**
Use of Basin Ash as Fill Material on Dry Level.
DE84751663 **08**-*517,089* PC **A06**/MF **A01**

**KHM-TR-99**
Use of Conditioned Fly Ash as Fill Material.
DE84751664 **08**-*517,090* PC **A06**/MF **A01**

**KHM-TR-102**
Comparison of the Influence of Emissions on Atmospheric Corrosion at Heating with Coal and Oil Respectively.
DE85750878 **17**-*538,253* PC **A04**/MF **A01**

**KHM-TR-104**
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DE85750838 **21**-*548,554* PC **A08**/MF **A01**

**KHM-TR-105**
Studies on the Leaching and Weathering Processes of Coal Ashes.
DE84751661 **08**-*516,391* PC **A18**/MF **A01**

**KHR-8**
Chronology of KSC and KSC Related Events for 1983.
N85-22339/4 **14**-*531,099* PC **A06**/MF **A01**

**KISU-66**
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DE84703318 **16**-*536,792* PC **A03**/MF **A01**

**KIYI-81-10**
Semiconductor Detector Application in Nuclear Physics Experiments.
DE84780048 **03**-*506,985* PC **A04**/MF **A01**

**KIYI-82-24**
Unified Display Library.
DE85700783 **22**-*550,236* PC **A03**/MF **A01**

**KIYI-83-1**
Rapid-Program for the Experimental Spectra Processing.
DE85700749 **24**-*556,855* PC **A02**/MF **A01**

**KIYI-83-3**
Automated System for Study of Protein Content in Cereals by Nuclear Method.
DE84703391 **10**-*521,715* PC **A02**/MF **A01**

**KIYI-83-11**
Radiobiological Studies on the U-240 Isochronous Cyclotron During 1982.
DE85781275 **24**-*555,206* PC **A03**/MF **A01**

**KIYI-83-12**
Nuclear and Physical Researches on the Isochronous Cyclotron U-240 During 1982.
DE85781033 **22**-*551,632* PC **A03**/MF **A01**

**KIYI-83-14**
Equipment for the Nuclear and Physical Experiment on the Isochronous Cyclotron U-240 in 1982.
DE85780969 **24**-*556,769* PC **A03**/MF **A01**

**KIYI-83-15**
Modernization of the U-240 Isochronous Cyclotron in 1982.
DE85780968 **24**-*556,768* PC **A03**/MF **A01**

**KIYI-83-19**
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DE84703233 **20**-*546,632* PC **A03**/MF **A01**

**KIYI-83-20**
Ions Acceleration on EG-5 of the Institute for Nuclear Research of the Ukrainian Science Academy.
DE85700732 **22**-*551,493* PC **A02**/MF **A01**

**KIYI-83-23**
Study of the sup 1 H(d,pp)n Reaction at Deuteron Low Energies.
DE84703388 **09**-*520,398* PC **A02**/MF **A01**

Perspectives to Work with Heavy Ions on the Isochronous Cyclotron U-240.
DE85700915 **20**-*546,552* PC **A02**/MF **A01**

**KIYI-83-28**
Excitation of Nuclei at Positron Annihilation.
DE85700702 **22**-*551,570* PC **A02**/MF **A01**

**KLD-TR-159**
Robust Detection and Classification of Regional Seismic Signals Using a Two Mode/Two Stage Cascaded Adaptive Arma (CAARMA) Model.
AD-A154 710/8 **18**-*541,441* PC **A08**/MF **A01**

**KMSF-U-1488**
VAX Professional Workstation Goes Graphic.
DE85003692 **09**-*519,914* PC **A02**/MF **A01**

**KMSF-U-1508**
Low-Cost Tritium Handling Facility.
DE85008160 **15**-*534,523* PC **A02**/MF **A01**

**KMSF-U1526**
Two-Stage Free Electron Laser Research.
AD-A148 951/7 **07**-*515,543* PC **A03**/MF **A01**

**KMSF-U-1529**
Kinetic Theory of Two-Plasmon Decay.
DE85005874 **13**-*530,471* PC **A12**/MF **A01**

**KMSF-U1539**
Parallel Processing for Computational Continuum Dynamics.
AD-A150 513/0 **10**-*523,083* PC **A02**/MF **A01**

**KMSF-U-1567**
Absolutely Unstable Two-Plasmon Decay in Two Dimensions.
DE85008157 **22**-*551,665* PC **A02**/MF **A01**

**KMU-HEP-83-04(REV.)**
Finite Temperature Susy GUT Phase Transitions Determined by Radiative Corrections.
DE85700170 **09**-*520,673* PC **A02**/MF **A01**

**KMU-HEP-83-06**
Hadronic Event Generation for Hadron Cascade Calculations and Detector Simulation. 2. Inelastic Hadron-Nucleus Collisions at Energies Below 5 GeV.
DE85700164 **11**-*525,494* PC **A03**/MF **A01**

**KMU-HEP-83-08**
Processes gamma gamma Yields mu exp + mu exp - E exp + E exp -, gamma gamma Yields E exp + E exp - E exp + E exp - and gamma gamma Yields pi exp + pi exp - E exp + E exp - for High Energy gamma gamma Beams.
DE85700160 **20**-*546,657* PC **A02**/MF **A01**

**KMU-HEP-83-09**
Hadron-Nucleus and Nucleus-Nucleus Collisions.
DE85700165 **09**-*520,549* PC **A02**/MF **A01**

**KMU-HEP-83-10**
Test of a Hamiltonian Variational Method for SU(3) Lattice Gauge Theory in 3 + 1 Dimensions.
DE85700481 **16**-*536,902* PC **A02**/MF **A01**

**KMU-HEP-84-01**
Quantization by Stochastic Relaxation Processes and Supersymmetry.
DE85700484 **16**-*536,905* PC **A02**/MF **A01**

**KMU-HEP-84-02**
Solitons with Half-Integral Fermionic Charge in 1 + 1 Dimensional Hamiltonian Lattice Models.
DE85701592 **24**-*556,956* PC **A03**/MF **A01**

**KMU-HEP-84-03**
Improved Mean-Field Calculation for the Lattice Abelian Higgs Model.
DE85701733 **25**-*559,565* PC **A03**/MF **A01**

**KMU-HEP-84-04**
Stochastic Quantization and Supersymmetry.
DE85701738 **25**-*559,749* PC **A02**/MF **A01**

**KMU-HEP-84-05**
Parton Jet Fragmentation at Small Momentum Fraction (X).
DE85701785 **25**-*559,583* PC **A02**/MF **A01**

**KMU-HEP-84-06**
Stochastic Quantization of Gauge Theories.
DE85701734 **25**-*559,566* PC **A02**/MF **A01**

**KMU-HEP-84-07**
Monte Carlo Study of a 1 + 1 Dimensional N = 2 Wess-Zumino Model on the Lattice in the Local Hamiltonian Method.
DE85701735 **25**-*559,746* PC **A02**/MF **A01**

**KNMI-TR-42**
Wind Observation Station Description for den Helder (Period 1843-1972) and de Kooy (Period 1955-1980).
N85-24686/6 **17**-*537,160* PC **A06**/MF **A01**

**KNMI-TR-48**
Inzameling en Opslag van Cabauwmetingen: Een Systeemvoorstel (Acquisition and Storage of Cabauw Measurements: A System Proposal).
N85-13434/4 **07**-*514,417* PC **A04**/MF **A01**

**KNMI-TR-49**
Operationele Numerieke Voorspellingen: Overzicht en Verifikatie over de Periode 1978-1983 (Operational Numerical Forecasts: Survey and Verification over the Period 1978-1983).
N85-13435/1 **07**-*514,418* PC **A03**/MF **A01**

**KNMI-TR-51**
Synoptical Observations of Snow Depths at Dutch Meteorological Stations, 1956 - 1977.
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**KNMI-TR-52**
Beschuttingscorrectie Wind (Wind Sheltering Correction).
N85-16408/5 **10**-*521,090* PC **A04**/MF **A01**

**KNMI-TR-53**
Comparative Investigation of Three Commercial Radiosonde Systems.
N85-16409/3 **10**-*521,091* PC **A02**/MF **A01**

**KNMI-TR-54-PT-1**
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**KNMI-TR-54-PT-2**
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**KNMI-TR-55**
Influence of Sample Collection and Methods of Analysis on Chemical Concentrations Measured in Rainwater.
N85-15853/3 **10**-*521,738* PC **A03**/MF **A01**

**KNMI-TR-57**
Over de Aanpassing van Het Nationale Verspreidingsmodel van Luchtverontreiniging voor Hoge Bronnen (Adjustment of the National Dispersion Model for Air Pollution from Elevated Sources).
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**KNMI-TR-58**
Relationship Between Maximum Surface Temperature and Various Parameters, with Reference to Objective Forecasting.
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**KNMI-TR-59**
Eerste Bevindingen Bij Oceanografisch Gebruik van IR-Hrpt Beelden (First Results of Oceanography Utilization of Infrared High Resolution Picture Transmission Images).
N85-29511/1 **21**-*547,877* PC **A03**/MF **A01**

**KNMI-TR-60**
Handleiging voor Het Computerprogramma van Het Gaussisch Pluimmodel Met Percentiel Berekeningen (Manual for the Computer Program for the Gaussian Plume Model with Percentile Calculations).
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**KNMI-TR-61**
Het Landbouwweerbericht voor de Ijsselmeerpolders in Het Zomerseizoen van 1984; een Verificatierapport (Agricultural Weather Report for the Ijsselmeer Polders in the 1984 Summer Season; a Verification Report).
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N85-28533/6 **20**-*545,172* PC **A05**/MF **A01**

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**KTM/E-B-28**
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Optimization Model for the Long Term Development of the Finnish Energy Supply System.
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**KU-SFB-210/E/4**
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**L-2017**
Development of Algorithms for Using Satellite Meteorological Data Sets to Study Global Transport of Stratospheric Aerosols and Ozone.
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**L-2178**
Experimental Investigation of Gas Jets in Confined Swirling Air Flow.
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**L-5515**
Long Range Propagation of Sound over Irregular Terrain.
N85-16589/2 **10**-*522,920* PC **A03**/MF **A01**

**L-13964**
Transonic Steady- and Unsteady-Pressure Measurements on a High-Aspect-Ratio Supercritical-Wing Model with Oscillating Control Surfaces.
N85-18003/2 **12**-*525,860* PC **A12**/MF **A01**

**L-14243**
Formulation of Rotor-Airframe Coupling for Design Analysis of Vibrations of Helicopter Airframes.
N84-33832/6 **01**-*500,044* PC **A07**/MF **A01**

**L-14831**
Subsonic and Transonic Pressure Measurements on a High-Aspect-Ratio Supercritical-Wing Model with Oscillating Control Surfaces.
N85-18004/0 **12**-*525,861* PC **A10**/MF **A01**

**L-14832**
Galactic Heavy-Ion Shielding Using Electrostatic Fields.
N84-33453/1 **01**-*502,768* PC **A02**/MF **A01**

**L-15315**
Experimental Trim Drag Values and Flow-Field Measurements for a Wide-Body Transport Model with Conventional and Supercritical Wings.
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**L-15484**
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**L-15509**
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**L-15521**
Aerodynamic Design of the Contoured Wind-Tunnel Liner for the NASA Supercritical, Laminar-Flow-Control, Swept-Wing Experiment.
N84-33377/2 **01**-*501,971* PC **A03**/MF **A01**

**L-15571**
Inviscid Analysis of Two Supercritical Laminar-Flow-Control Airfoils at Design and Off-Design Conditions.
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**L-15645**
Laminar Heat-Transfer Distributions on Biconics at Incidence in Hypersonic-Hypervelocity Flows.
N85-16065/3 **10**-*522,949* PC **A07**/MF **A01**

**L-15646**
Aileron Effectiveness for a Subsonic Transport Model with a High-Aspect-Ratio Supercritical Wing.
N85-15695/8 **10**-*520,944* PC **A13**/MF **A01**

**L-15674**
Modifications to the Nozzle Test Chamber to Extend Nozzle Static-Test Capability.
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**L-15682**
Comparative Study of the Nonuniqueness Problem of the Potential Equation.
N85-15694/1 **10**-*520,943* PC **A02**/MF **A01**

**L-15700**
Fluctuating Pressures on Fan Blades of a Turbofan Engine. Flight Test Investigation.
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**L-15701**
Space Shuttle Orbiter Trimmed Center-of-Gravity Extension Study.
N85-19003/1 **13**-*530,718* PC **A04**/MF **A01**

**L-15718**
Experimental and Theoretical Investigation of Deposition Patterns from an Agricultural Airplane.
N84-33379/8 **01**-*500,079* PC **A08**/MF **A01**

**L-15723**
Description of the Insulation System for the Langley 0.3-Meter Transonic Cryogenic Tunnel.
N85-15755/0 **10**-*522,478* PC **A03**/MF **A01**

**L-15729**
Aerothermal Tests of a 12.5 Percent Cone at Mach 6.7 for Various Reynolds Numbers, Angles of Attack and Nose Shapes.
N85-17322/7 **11**-*523,227* PC **A05**/MF **A01**

**L-15737**
Adaptive Identification and Control of Structural Dynamics Systems Using Recursive Lattice Filters.
N85-31142/1 **23**-*554,295* PC **A04**/MF **A01**

**L-15738**
Evaluation of the Langley 4- by 7-Meter Tunnel for Propeller Noise Measurements.
N85-13553/1 **07**-*515,229* PC **A03**/MF **A01**

**L-15744**
Wind-Tunnel Investigation of a Full-Scale Canard-Configured General Aviation Airplane.
N85-19925/5 **14**-*530,742* PC **A05**/MF **A01**

**L-15750**
Oil-Flow Study of a Space Shuttle Orbiter Tip-Fin Controller.
N85-12920/3 **07**-*515,714* PC **A04**/MF **A01**

**L-15764**
Full-Scale Crash-Test Evaluation of Two Load-Limiting Subfloors for General Aviation Airframes.
N85-13267/8 **07**-*514,338* PC **A04**/MF **A01**

**L-15768**
Local Stability Analysis for a Planar Shock Wave.
N85-12864/3 **07**-*515,530* PC **A02**/MF **A01**

**L-15777**
Reduction Method for Thermal Analysis of Complex Aerospace Structures.
N85-16066/1 **10**-*523,120* PC **A03**/MF **A01**

**L-15782**
Ground Vibration Test of F-16 Airplane with Initial Decoupler Pylon.
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**L-15784**
Buckling Analysis for Rectangular Orthotropic Plates with Centrally Located Cutouts.
N85-13268/6 **07**-*515,578* PC **A03**/MF **A01**

**L-15785**
Experimental and Predicted Heating Distributions for Biconics at Incidence in Air at Mach 10.
N85-12313/1 **06**-*514,310* PC **A06**/MF **A01**

**L-15786**
Effects of Airfoil Shape, Thickness, Camber, and Angle of Attack on Calculated Transonic Unsteady Airloads.
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**L-15789**
GASP Cloud- and Particle-Encounter Statistics and Their Application to LPC Aircraft Studies. Volume 1: Analysis and Conclusions.
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**L-15792**
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N85-25250/0 **18**-*539,675* PC **A05**/MF **A01**

**L-15795**
Exploratory Wind-Tunnel Investigation of a Wingtip-Mounted Vortex Turbine for Vortex Energy Recovery.
N85-26667/4 **19**-*542,068* PC **A02**/MF **A01**

**L-15799**
Validation of a Fault-Tolerant Clock Synchronization System.
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**L-15800**
Reference Energy-Altitude Descent Guidance: Simulator Evaluation.
N85-16868/0 **11**-*523,249* PC **A03**/MF **A01**

**L-15802**
Mixed Models and Recugion Techniques for Large-Rotation, Nonlinear Analysis of Shells of Revolution with Application to Tires.
N84-34773/1 **02**-*504,382* PC **A04**/MF **A01**

**L-15804**
Flight-Measured Laminar Boundary-Layer Transition Phenomena Including Stability Theory Analysis.
N85-21118/3 **14**-*530,750* PC **A03**/MF **A01**

**L-15805**
Simulator Study of Flight Characteristics of Several Large, Dissimilar, Cargo Transport Airplanes During Approach and Landing.
N85-11002/1 **04**-*507,897* PC **A05**/MF **A01**

**L-15806**
Survey of Structural Material Issues for a Space Station.
N85-33168/4 **26**-*562,060* PC **A02**/MF **A01**

**L-15808**
Analysis of Noise Measured from a Propeller in a Wake.
N85-11788/5 **04**-*507,886* PC **A03**/MF **A01**

**L-15810**
Effect of Jet Exit Vanes on Flow Pulsations in an Open-Jet Wind Tunnel.
N85-17999/2 **12**-*525,856* PC **A10**/MF **A01**

**L-15812**
Wind Tunnel Wall Interference Assessment and Correction, 1983.
N85-12011/1 **06**-*513,915* PC **A18**/MF **A01**

**L-15813**
Effect of Aerodynamic and Angle-of-Attack Uncertainties on the May 1979 Entry Flight Control System of the Space Shuttle from Mach 8 to 1.5.
N85-15778/2 **10**-*523,214* PC **A07**/MF **A01**

**L-15814**
Static Internal Performance of Single-Expansion-Ramp Nozzles with Various Combinations of Internal Geometric Parameters.
N85-14797/3 **09**-*520,910* PC **A05**/MF **A01**

**L-15826**
Rational-Spline Approximation with Automatic Tension Adjustment.
N84-34204/7 **01**-*501,656* PC **A02**/MF **A01**

**L-15827**
Langley Mach 4 Scramjet Test Facility.
N85-16883/9 **11**-*524,805* PC **A04**/MF **A01**

**L-15828**
Translational Control of a Graphically Simulated Robot Arm by Kinematic Rate Equations That Overcome Elbow Joint Singularity.
N85-15446/6 **09**-*519,743* PC **A03**/MF **A01**

**L-15831**
Low-Frequency Sound Absorption Measurements in Air.
N85-11789/3 **04**-*510,164* PC **A03**/MF **A01**

**L-15833**
T-Matrix Theory of Galactic Heavy-Ion Fragmentation.
N85-17690/7 **11**-*523,330* PC **A03**/MF **A01**

**L-15836**
Investigation of Light Source and Scattering Medium Related to Vapor-Screen Flow Visualization in a Supersonic Wind Tunnel.
N85-15144/7 **09**-*519,824* PC **A04**/MF **A01**

**L-15837**
Static Internal Performance of a Two-Dimensional Convergent Nozzle with Thrust-Vectoring Capability Up to 60 Deg.
N85-18951/2 **13**-*530,690* PC **A04**/MF **A01**

**L-15838**
Conceptual Design for Scaled Truss Antenna Flight Experiment.
N85-12932/8 **07**-*515,717* PC **A03**/MF **A01**

**L-15839**
Study of Several Factors Affecting Crew Escape Trajectories from the Space Shuttle Orbiter at Low-Subsonic Speeds.
N85-19008/0 **13**-*530,706* PC **A04**/MF **A01**

**L-15840**
First Derivatives of Flow Quantities Behind Two-Dimensional, Nonuniform Supersonic Flow over a Convex Corner.
N85-16828/4 **11**-*525,356* PC **A02**/MF **A01**

**L-15841**
Effect of Leading-Edge Load Constraints on the Design and Performance of Supersonic Wings.
N85-29923/8 **22**-*549,278* PC **A05**/MF **A01**

**L-15844**
Planning Fuel-Conservative Descents in an Airline Environmental Using a Small Programmable Calculator: Algorithm Development and Flight Test Results.
N85-26705/2 **19**-*542,082* PC **A05**/MF **A01**

**L-15845**
Total Energy-Rate Feedback for Automatic Glide-Slope Tracking During Wind-Shear Penetration.
N85-23801/2 **17**-*537,015* PC **A04**/MF **A01**

**L-15846**
Aeroacoustic Data for High Reynolds Number Supersonic Axisymmetric Jets.
N85-16587/6 **10**-*522,919* PC **A04**/MF **A01**

**L-15847**
Assessment of Techniques for Measuring Tropospheric H sub X O sub Y.
N85-14336/0 **08**-*515,838* PC **A07**/MF **A01**

**L-15848**
Fracture Toughness of Fibrous Composite Materials.
N85-11136/7 **04**-*509,368* PC **A04**/MF **A01**

**L-15849**
Long-Term Thermal Aging of 2 Graphite-Polyimide Composite Materials.
N85-12094/7 **06**-*513,544* PC **A03**/MF **A01**

**L-15850**
Spline Methods for Approximating Quantile Functions and Generating Random Samples.
N85-16565/2 **10**-*522,208* PC **A03**/MF **A01**

**L-15851**
Low-Speed Stability and Control Wind-Tunnel Investigations of Effects of Spanwise Blowing on Fighter Flight Characteristics at High Angles of Attack.
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**L-15852**
Cockpit-Display Concept for Executing a Multiple Glide-Slope Approach for Wake-Vortex Avoidance.
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**L-15853**
Reliability Bounds for Fault-Tolerant Systems with Competing Responses to Component Failures.
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**L-15855**
Measurement of Sift Operating System Overhead.
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**L-15856**
Parametric Study of a Canard-Configured Transport Using Conceptual Design Optimization.
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**L-15857**
Tough Composite Materials.
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**L-15858**
Impact of Science on Society.
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**L-15859**
Detailed Pressure Distribution Measurements Obtained on Several Configurations of an Aspect-Ratio-7 Variable Twist Wing.
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**L-15861**
Noise Transmission Loss of a Rectangular Plate in an Infinite Baffle.
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**L-15863**
Exploratory Investigation of the Aerodynamic Characteristics of a Biwing Vehicle at Mach 20.3.
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**L-15864**
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**L-15865**
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**L-15873**
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**L-15875**
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**L-15876**
Assessment of Integrated Flywheel System Technology.
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**L-15879**
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**L-15881**
Ignition of Mixtures of SiH sub 4, CH sub 4, O sub 2, and Ar or N sub 2 Behind Reflected Shock Waves.
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**L-15885**
Characteristic Vector Analysis of Inflection Ratio Spectra: New Technique for Analysis of Ocean Color Data.
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**L-15886**
Swing-Arm Beam Erector (SABER) Concept for Single Astronaut Assembly of Space Structure.
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**L-15888**
Lee-Side Flow over delta Wings at Supersonic Speeds.
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**L-15889**
Kinematic Rate Control of Simulated Robot Hand at or Near Wrist Singularity.
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**L-15890**
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**L-15891**
Tables of Nuclear Cross Sections for Galactic Cosmic Rays: Absorption Cross Sections.
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**L-15892**
Effects of Propeller Rotation Direction on Airplane Interior Noise Levels.
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**L-15893**
Calibration of Sonic Valves for the Laminar Flow Control Leading-Edge Flight Test.
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**L-15895**
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**L-15900**
Efficient Implementation of Real-Time Programs under the VAX/VMS Operating System.
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**L-15901**
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**L-15902**
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**L-15912**
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**L-15924**
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**L-15925**
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**L-15927**
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**L-15942**
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**LA-UR-84-344**
Calculation of Shock Problems by Using Four Different Schemes.
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**LA-UR-84-392**
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**LA-UR-84-865**
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**LA-UR-84-866**
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**LA-UR-84-988**
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**LA-UR-84-1477**
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Simulation of the Interaction of Single-Pulsed Optical Lasers with Targets in a Vacuum.
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**LA-UR-84-2564**
Deep Drilling Technology for Hot Crystalline Rock.
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**LA-UR-84-2565**
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**LA-UR-84-2571**
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**LA-UR-84-2593**
Characterization of Fiber Optic Cables under Large Tensile Loads.
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**LA-UR-84-2609**
Parallel Processing of Numerical Transport Algorithms.
DE84016825 **02**-*503,820* PC **A02**/MF **A01**

**LA-UR-84-2611**
Hot Plasma and Energetic Particles in the Earth's Outer Magnetosphere: New Understandings During the IMS.
DE84016826 **02**-*502,898* PC **A02**/MF **A01**

**LA-UR-84-2620**
High-Repetition Rate, Inductively Stabilized, Long-Pulse Excimer Laser.
DE84016827 **02**-*504,885* PC **A02**/MF **A01**

**LA-UR-84-2638**
Experimental Study of Natural Convection Heat Transfer Through an Aperture in Passive Solar Heated Buildings.
DE84016828 **02**-*504,221* PC **A02**/MF **A01**

**LA-UR-84-2650**
Natural Air Motion and Stratification in Passive Buildings.
DE84016830 **02**-*504,223* PC **A02**/MF **A01**

**LA-UR-84-2651**
Irradiation Effects on Fuels for Space Reactors.
DE84016460 **10**-*522,892* PC **A03**/MF **A01**

**LA-UR-84-2654**
Collimation Techniques for Dense Object Flash Radiography.
DE84016461 **02**-*504,472* PC **A02**/MF **A01**

**LA-UR-84-2655**
Fast Solar Load Ratio Correlations for Simple Radiant Panels and Thermosiphoning Air Panels.
DE84016462 **02**-*504,206* PC **A02**/MF **A01**

**LA-UR-84-2658**
Actinides, the Narrowwest Bands.
DE84016463 **02**-*505,100* PC **A02**/MF **A01**

**LA-UR-84-2663**
Clonal Analysis of Bone Marrow and Macrophage Cultures.
DE84016464 **02**-*503,253* PC **A03**/MF **A01**

**LA-UR-84-2676**
Flash Radiography as a Quantitative Tool.
DE84016465 **02**-*504,473* PC **A02**/MF **A01**

**LA-UR-84-2683**
User Behavior Upon Introduction of a Network Help System.
DE84016466 **02**-*503,811* PC **A02**/MF **A01**

**LA-UR-84-2690**
Theoretical Studies of Field-Reversed Configurations (FRCs) and Experimental Study of the FRC During Translation.
DE84016467 **02**-*505,030* PC **A02**/MF **A01**

**LA-UR-84-2696**
Tomographic Reconstruction of Axially Symmetric Objects from a Single Radiograph.
DE84016783 **02**-*504,476* PC **A02**/MF **A01**

**LA-UR-84-2698**
Differences in in Vitro Dissolution Properties of Settled and Airborne Uranium Material.
DE84016784 **02**-*503,394* PC **A02**/MF **A01**

**LA-UR-84-2711**
Fast Neutron Capture with a White Neutron Source.
DE84016799 **02**-*504,976* PC **A02**/MF **A01**

**LA-UR-84-2712**
Federal Laboratories: Technology Resources and Transfer Champions.
DE84016800 **02**-*502,976* PC **A02**/MF **A01**

**LA-UR-84-2724**
Cooling Load Estimation Methods.
DE84016793 **03**-*506,593* PC **A02**/MF **A01**

**LA-UR-84-2725**
Vapor Phase Heat Transport Systems.
DE84016794 **02**-*504,219* PC **A02**/MF **A01**

**LA-UR-84-2727**
New Look at Small Power Plants: An Update on the Environmental Issues of Interest to Italy.
DE84016796 **03**-*506,304* PC **A04**/MF **A01**

**LA-UR-84-2728**
Infrared and Neutron Scattering Studies of Ethene Adsorbed onto Partially Exchanged Zinc A Zeolite.
DE84016774 **02**-*503,554* PC **A02**/MF **A01**

**LA-UR-84-2735**
Potential Performance Benefits of Advanced Components and Materials Research.
DE84016771 **02**-*504,364* PC **A02**/MF **A01**

**LA-UR-84-2736**
Liquid Convective Diodes.
DE84016772 **02**-*503,911* PC **A02**/MF **A01**

**LA-UR-84-2741**
Elastic Wave Propagation Through Polycrystals.
DE84016773 **02**-*505,104* PC **A02**/MF **A01**

**LA-UR-84-2749**
Numerical Simulation of Turbulent Reacting Flows.
DE84016777 **08**-*517,767* PC **A02**/MF **A01**

**LA-UR-84-2750**
Reduction of the Wavepacket: How Long Does It Take.
DE84016778 **03**-*507,677* PC **A02**/MF **A01**

**LA-UR-84-2751**
Maxwell's Demon, Szilard's Engine and Quantum Measurements.
DE84016779 **02**-*505,058* PC **A02**/MF **A01**

**LA-UR-84-2752**
Three-Dimensional Hydrodynamic Hot-Spot.
DE84016821 **03**-*507,236* PC **A03**/MF **A01**

**LA-UR-84-2753**
Theory of Dense Molecular Fluid Equations of State with Application to Detonation Products.
DE84016822 **21**-*547,754* PC **A02**/MF **A01**

**LA-UR-84-2764**
Preliminary Results of nu/sub E/E exp - Scattering at LAMPF.
DE85002010 **06**-*514,168* PC **A02**/MF **A01**

**LA-UR-84-2766**
Semi-Microscopic Calculations of Elastic, Inelastic, and Total Neutron Scattering by sup 239 Pu.
DE85002015 **05**-*512,489* PC **A02**/MF **A01**

**LA-UR-84-2767**
Analysis of N + sup 197 Au Cross Sections for E/sub n/ = 0.01-20 MeV.
DE85002013 **04**-*510,306* PC **A02**/MF **A01**

**LA-UR-84-2773**
What Are Squeezed States Really Like.
DE85002014 **04**-*510,349* PC **A02**/MF **A01**

**LA-UR-84-2782**
Application of Wald's Sequential Probability Ratio Test to Nuclear Materials Control.
DE85002017 **07**-*515,479* PC **A02**/MF **A01**

**LA-UR-84-2799**
Sound Velocity of Carbon at High Pressures.
DE85002016 **06**-*514,051* PC **A02**/MF **A01**

**LA-UR-84-2815**
Safety Analysis and Review Systen. (SARS).
DE85002020 **04**-*508,605* PC **A02**/MF **A01**

**LA-UR-84-2819**
PS187 - a Good Statistics Study of Antiproton Interactions with Nuclei: Preliminary Results.
DE85002019 **08**-*517,980* PC **A02**/MF **A01**

**LA-UR-84-2861**
Supersymmetry in Physics: Introduction and Overview.
DE85002018 **06**-*514,169* PC **A03**/MF **A01**

**LA-UR-84-2893**
Technology Development for the Design of Shallow Land Burial Facilities at Arid Sites.
DE85002022 **05**-*512,277* PC **A02**/MF **A01**

**LA-UR-84-2894**
Development of Corrective Measures Technology for Shallow Land Burial Facilities at Arid Sites.
DE85002021 **05**-*512,276* PC **A02**/MF **A01**

**LA-UR-84-2905**
Current Measurements by Faraday Rotation in Single Mode Optical Fibers.
DE85002025 **05**-*512,507* PC **A02**/MF **A01**

**LA-UR-84-2906**
Monte Carlo Error Analysis in X-Ray Spectral Deconvolution.
DE85002024 **04**-*509,857* PC **A02**/MF **A01**

**LA-UR-84-2911**
Investigation of the Time History and Modal Responses of Some Simple Linear and Nonlinear Systems.
DE85002027 **11**-*525,586* PC **A02**/MF **A01**

**LA-UR-84-2927**
Multiparameter Light Scattering for Rapid Virus Identification.
DE85002039 **04**-*508,622* PC **A02**/MF **A01**

**LA-UR-84-2936**
Fabrication of SiC Whiskers and Composites.
DE85002038 **05**-*511,622* PC **A02**/MF **A01**

**LA-UR-84-2937**
Using Semigroups and the Trotter Product Formula to Solve Quasi-Linear Systems.
DE85002041 **06**-*513,655* PC **A02**/MF **A01**

**LA-UR-84-2938**
Medium Energy Probes and the IBM.
DE85002040 **04**-*510,307* PC **A02**/MF **A01**

**LA-UR-84-2943**
Application of Layered Synthetic Microstructures to High-Temperature Plasma Diagnostics.
DE85002035 **05**-*512,508* PC **A03**/MF **A01**

**LA-UR-84-2947**
Numerical Model for Simulating Dynamic Processes in Rocks.
DE85002034 **13**-*529,038* PC **A02**/MF **A01**

**LA-UR-84-2951**
Capabilities of the Los Alamos National Laboratory in Nuclear Target Technology.
DE85002037 **06**-*514,118* PC **A03**/MF **A01**

**LA-UR-84-2953**
Nuclear Plant Analyzer: An Interactive TRAC/RELAP Power-Plant Simulation Program.
DE85002036 **05**-*512,331* PC **A02**/MF **A01**

**LA-UR-84-2960**
Direct Mass Measurements in the Light Neutron-Rich Region Using a Combined Energy and Time-of-Flight Technique.
DE85002026 **06**-*514,170* PC **A02**/MF **A01**

**LA-UR-84-2961**
Exact Invariants in the Form of Momentum Resonances for Particle Motion in One-Dimensional, Time-Dependent Potentials.
DE85002029 **05**-*512,214* PC **A02**/MF **A01**

**LA-UR-84-2975**
Evaluating the Variability of Ceramics with X-Ray Fluorescence.
DE85002028 **05**-*511,236* PC **A02**/MF **A01**

**LA-UR-84-2980**
Magnetic Divertor Design for the Compact Reversed-Field Pinch Reactor.
DE85002031 **05**-*512,215* PC **A02**/MF **A01**

**LA-UR-84-2989**
X-Ray Emission from Centaurus A.
DE85002030 **05**-*510,691* PC **A02**/MF **A01**

**LA-UR-84-2994**
New Phases and Chemical Reactions in Solid CO under Pressure.
DE85002033 **05**-*511,237* PC **A02**/MF **A01**

**LA-UR-84-3007**
LAMPF II.
DE85002043 **04**-*510,258* PC **A02**/MF **A01**

**LA-UR-84-3015**
Simulation of Bent Crystal Spectrometers.
DE85002042 **05**-*512,067* PC **A02**/MF **A01**

**LA-UR-84-3022**
Calculated Masses and Half-Lives for Nuclei in the Region 100 Less Than or Equal to Z Less Than or Equal to 110.
DE85002046 **05**-*512,500* PC **A02**/MF **A01**

**LA-UR-84-3023**
Contributions of Pair Correlations to Pion-Nucleus Double Charge Exchange.
DE85000938 **04**-*510,280* PC **A02**/MF **A01**

**LA-UR-84-3026**
Spacecraft Environment during the GIOTTO-Halley Encounter: A Summary.
DE85002044 **05**-*510,692* PC **A02**/MF **A01**

**LA-UR-84-3044**
CW Operation of the FMIT RFQ Accelerator.
DE85002047 **04**-*510,259* PC **A02**/MF **A01**

**LA-UR-84-3054**
Solubility Limits on Radionuclide Dissolution.
DE85000665 **09**-*519,985* PC **A02**/MF **A01**

**LA-UR-84-3055**
Time-of-Flight Isochronous (TOFI) Spectrometer for Direct Mass Measurements of Exotic Light Nuclei.
DE85002050 **07**-*515,352* PC **A02**/MF **A01**

**LA-UR-84-3057**
Imaging Through a Multiple Scattering Medium.
DE85002051 **08**-*517,797* PC **A02**/MF **A01**

**LA-UR-84-3068**
Influence of the Atmosphere on Remotely Sensed Reflection from Vegetation Surfaces.
DE85000658 **08**-*515,829* PC **A02**/MF **A01**

**LA-UR-84-3086**
Microscopic Calculation for Deformed Nuclei.
DE85000656 **06**-*514,148* PC **A02**/MF **A01**

**LA-UR-84-3089**
Functional Equation for the Embedding of a Homeomorphism of the Interval into a Flow.
DE85000655 **08**-*516,961* PC **A02**/MF **A01**

**LA-UR-84-3097**
Substorms in the Earth's Magnetosphere.
DE85000654 **06**-*512,762* PC **A03**/MF **A01**

**LA-UR-84-3118**
Parallel Processing Experiences on the Denelcor HEP Computer.
DE85000653 **06**-*513,434* PC **A02**/MF **A01**

**LA-UR-84-3137**
Effect of Elevated-Temperature Neutron Irradiation on Fracture Toughness of Ceramics.
DE85000652 **06**-*513,509* PC **A03**/MF **A01**

**LA-UR-84-3139**
Pattern Selection and Low-Dimensional Chaos in Systems of Coupled Nonlinear Oscillators.
DE85000659 **08**-*516,962* PC **A02**

**LA-UR-84-3149**
Progress Toward Free-Electron Lasers for Applications.
DE85002208 **06**-*514,090* PC **A02**/MF **A01**

**LA-UR-84-3159**
Muon Spin Relaxation in ErRh sub 4 B sub 4.
DE85002202 **06**-*514,246* PC **A02**/MF **A01**

**LA-UR-84-3173**
Statistical Theory of Fragmentation Processes.
DE85002206 **08**-*518,149* PC **A03**/MF **A01**

**LA-UR-84-3191**
Survey of Radio-Frequency Quadrupole Accelerators.
DE85002205 **06**-*514,120* PC **A02**/MF **A01**

**LA-UR-84-3193**
Eliciting and Aggregating Subjective Judgements: Same Experimental Results.
DE85002204 **06**-*513,656* PC **A02**/MF **A01**

**LA-UR-84-3209**
Front Tracking and Two Dimensional Riemann Problems: A Conference Report.
DE85002209 **06**-*514,077* PC **A02**/MF **A01**

**LA-UR-84-3230**
Global Aspects of Stream Evolution in the Solar Wind.
DE85002207 **06**-*512,728* PC **A03**/MF **A01**

**LA-UR-84-3233**
Recent Development in Pyrochemistry at Los Alamos.
DE85000174 **07**-*515,386* PC **A02**/MF **A01**

**LA-UR-84-3252**
Geothermal Pumping Systems.
DE85002246 **07**-*514,907* PC **A02**/MF **A01**

**LA-UR-84-3284**
Interfacing Systems Loss-of-Coolant Accident in Oconee-1 Pressurized Water Reactor.
DE85000175 **07**-*515,436* PC **A02**/MF **A01**

**LA-UR-84-3289**
FRC Translation Dynamics and Plasma Confinement Properties in FRX-C/T.
DE85002386 **06**-*514,217* PC **A02**/MF **A01**

**LA-UR-84-3292**
Laser-Based Diagnostics for Coal Gasification Instrumentation.
DE85002385 **07**-*515,652* PC **A04**/MF **A01**

**LA-UR-84-3298**
Use of a Commercial Ranging System in Field Surveys of Radioactively Contaminated Sites.
DE85002384 **07**-*515,354* PC **A02**/MF **A01**

**LA-UR-84-3304**
Multipurpose Radiac for Field Surveys and Training.
DE85002383 **08**-*517,463* PC **A02**/MF **A01**

**LA-UR-84-3305**
Simple MCA Supports a Variety of Applications.
DE85002382 **08**-*517,462* PC **A02**/MF **A01**

**LA-UR-84-3315**
TRAC-PF1/MOD1 Computer Code.
DE85002381 **08**-*517,614* PC **A02**/MF **A01**

**LA-UR-84-3316**
TRAC-PF1/MOD1 Assessment at Los Alamos.
DE85002380 **08**-*517,613* PC **A02**/MF **A01**

**LA-UR-84-3317**
TRAC-PF1/MOD1 Support Calculations for the MIST/OTIS Program.
DE85002390 **09**-*520,103* PC **A02**/MF **A01**

**LA-UR-84-3318**
Los Alamos Nuclear Plant Analyzer: An Interactive Power-Plant Simulation Program.
DE85002412 **07**-*515,445* PC **A02**/MF **A01**

**LA-UR-84-3325**
Effects of the Solar-Terrestrial Environment on Satellite Operations.
DE85002413 **06**-*512,764* PC **A02**/MF **A01**

**LA-UR-84-3330**
Application of Dimensional Analysis to the Problem of Solar Wind-Magnetosphere Energy Coupling.
DE85002414 **08**-*515,832* PC **A02**/MF **A01**

**LA-UR-84-3339**
Davydov Solitons in Polypeptides.
DE85002436 **08**-*516,136* PC **A03**/MF **A01**

**LA-UR-84-3340**
X-Ray Holography of Biological Specimens.
DE85002437 **07**-*514,656* PC **A02**/MF **A01**

**LA-UR-84-3349**
Low-Energy Nuclear Reactions with Hydrogen Isotopes.
DE85002388 **07**-*515,564* PC **A02**/MF **A01**

**LA-UR-84-3353**
Using TLDs to Monitor Los Alamos Drillbacks at the Nevada Test Site.
DE85002389 **09**-*520,066* PC **A02**

**LA-UR-84-3368**
Radiation and Impurity Measurements in FRX-C/T.
DE85002418 **06**-*514,218* PC **A02**/MF **A01**

**LA-UR-84-3370**
Information-Theoretic Model of the Programming Process.
DE85002419 **22**-*550,213* PC **A02**/MF **A01**

**LA-UR-84-3378**
LAMPF Nucleon-Nucleon Program.
DE85002420 **08**-*517,981* PC **A02**/MF **A01**

**LA-UR-84-3379**
Nondestructive Assay System Development for a Plutonium Scrap Recovery Facility.
DE85002421 **07**-*515,412* PC **A02**/MF **A01**

**LA-UR-84-3380**
Monte Carlo Simulation of the Sequential Probability Ratio Test for Radiation Monitoring.
DE85002409 **07**-*515,355* PC **A02**/MF **A01**

**LA-UR-84-3383**
Irradiation-Induced Reduction of Microcracking in Zirconolite.
DE85002410 **06**-*514,006* PC **A02**/MF **A01**

**LA-UR-84-3388**
Opening Up the Future in Space with Nuclear Power.
DE85002411 **08**-*517,701* PC **A02**/MF **A01**

**LA-UR-84-3389**
Beta-gamma Discriminator Circuit.
DE85002378 **08**-*517,461* PC **A02**/MF **A01**

**LA-UR-84-3390**
Los Alamos Racquetball Contamination Incident.
DE85002379 **09**-*520,065* PC **A02**/MF **A01**

**LA-UR-84-3391**
Monte Carlo Simulation of Gas Cerenkov Detectors.
DE85002422 **08**-*517,464* PC **A02**/MF **A01**

**LA-UR-84-3394**
Integration of NDA Instruments into the Savannah River Plant Computer Network.
DE85002416 **07**-*515,356* PC **A02**/MF **A01**

**LA-UR-84-3396**
Bimolecular Dynamics by Computer Analysis.
DE85002417 **08**-*516,135* PC **A02**/MF **A01**

**LA-UR-84-3403**
Single-Board 32-Bit Computer for the FASTBUS.
DE85002431 **06**-*513,437* PC **A02**/MF **A01**

**LA-UR-84-3428**
Characterizing the Parallelism in Rule-Based Expert Systems.
DE85002432 **09**-*519,117* PC **A02**/MF **A01**

**LA-UR-84-3440**
Space Nuclear-Power Reactor Design Based on Combined Neutronic and Thermal-Fluid Analyses.
DE85002433 **09**-*520,913* PC **A03**/MF **A01**

**LA-UR-84-3447**
Structure and Forcing of Teleconnection Patterns Occurring in General Circulation Model Simulations.
DE85002434 **08**-*515,854* PC **A02**/MF **A01**

**LA-UR-84-3448**
Guide to Radiological Accident Considerations for Siting and Design of DOE Nonreactor Nuclear Facilities.
DE85002435 **07**-*515,446* PC **A02**/MF **A01**

**LA-UR-84-3458**
Remote Operations and Viewing Using the Monitor System.
DE85002425 **06**-*514,123* PC **A02**/MF **A01**

**LA-UR-84-3469**
Fragmentation and Turbulence in Collapsing Gas Clouds.
DE85003745 **09**-*518,420* PC **A03**/MF **A01**

**LA-UR-84-3470**
Constructive Approach to the Ground-State Energy of a Hard-Core Square-Well Fermion System.
DE85003746 **10**-*523,004* PC **A02**/MF **A01**

**LA-UR-84-3483**
Steel Containment Buckling.
DE85003744 **11**-*525,059* PC **A02**/MF **A01**

**LA-UR-84-3486**
UFe sub 4 P sub 12 and CeFe sub 4 P sub 12: Non-Metallic Isotypes of Superconducting LaFe sub 4 P sub 12.
DE85003724 **10**-*523,104* PC **A02**/MF **A01**

**LA-UR-84-3487**
Low Temperature Properties of CeOs sub 2 in the C14 and C15 Crystallographic Laves Phases.
DE85003754 **09**-*520,734* PC **A02**/MF **A01**

**LA-UR-84-3488**
Influence of Adsorbed Bi on the Chemisorption Properties of Pt(111): H Sub 2 , CO, and O sub 2.
DE85003725 **09**-*518,912* PC **A02**/MF **A01**

**LA-UR-84-3496**
Correlation of Uniaxial and Biaxial Fracture Strengths of Ceramics.
DE85003779 **09**-*519,349* PC **A02**/MF **A01**

**LA-UR-84-3497**
Recent Experimental Advances in Spin Glasses.
DE85003743 **09**-*520,733* PC **A02**/MF **A01**

**LA-UR-84-3506**
Nuclear Physics in the 10 to 300 MeV Energy Range Using a Pulsed White Neutron Source.
DE85003713 **20**-*546,534* PC **A02**/MF **A01**

**LA-UR-84-3518**
Polarization in Three-Nucleon Breakup: Experiment and Theory.
DE85003726 **09**-*520,482* PC **A02**/MF **A01**

**LA-UR-84-3522**
Low-Dimensional Behavior of the Pattern Formation Cahn-Hilliard Equation.
DE85003727 **09**-*519,470* PC **A02**/MF **A01**

**LA-UR-84-3524**
Tensile Testing of SiC Whiskers.
DE85003712 **08**-*516,843* PC **A02**/MF **A01**

**LA-UR-84-3528**
Los Alamos National Laboratory's Environmental Surveillance and Radiological Emergency Vehicle and the Co-60 Incident.
DE85003729 **08**-*517,588* PC **A02**/MF **A01**

**LA-UR-84-3529**
Los Alamos National Laboratory Compliance with Cultural Resource Management Legislation.
DE85003730 **10**-*521,267* PC **A02**/MF **A01**

**LA-UR-84-3537**
Intel IDIS Evaluation.
DE85003748 **11**-*523,436* PC **A02**/MF **A01**

**LA-UR-84-3541**
Solar Pond Research at the Los Alamos National Laboratory.
DE85008631 **15**-*533,893* PC **A04**/MF **A01**

**LA-UR-84-3556**
Theoretical Calculations of the sup 6 Li(n,t) Cross Section.
DE85003731 **09**-*520,483* PC **A02**/MF **A01**

**LA-UR-84-3557**
Differential and Integral Comparisons of Three Representations of the Prompt Neutron Spectrum for the Spontaneous Fission of sup 252 Cf.
DE85003728 **10**-*523,003* PC **A03**/MF **A01**

**LA-UR-84-3566**
Molybdenum Solar Neutrino Experiment.
DE85003747 **11**-*523,323* PC **A02**/MF **A01**

**LA-UR-84-3575**
Internal Field Probing of Translating FRCs.
DE85003732 **11**-*524,954* PC **A02**/MF **A01**

**LA-UR-84-3576**
Numerical Models of CTX Equilibrium.
DE85003742 **10**-*522,610* PC **A02**/MF **A01**

**LA-UR-84-3577**
Los Alamos Energetic Particle Sensor Systems at Geostationary Orbit.
DE85003733 **10**-*522,625* PC **A02**/MF **A01**

**LA-UR-84-3578**
Proposed Method for Remote Thermometry in Turbine Engines.
DE85003755 **20**-*547,153* PC **A02**/MF **A01**

**LA-UR-84-3583**
Constraints of Observations of Solar Oscillations on Solar Models with Mixing by Turbulent Diffusion.
DE85003741 **11**-*523,322* PC **A02**/MF **A01**

**LA-UR-84-3592**
Theoretical Aspects of the Nucleon-Nucleon Workshop.
DE85003740 **11**-*525,440* PC **A02**/MF **A01**

**LA-UR-84-3612**
Some Thoughts on Alloy Design.
DE85003775 **09**-*519,401* PC **A02**/MF **A01**

**LA-UR-84-3627**
Fixed-Target Option for the SSC.
DE85003739 **11**-*525,392* PC **A02**/MF **A01**

**LA-UR-84-3634**
X-Ray Gauge Measures Areal Density Variations as Small as 0.1%.
DE85003774 **09**-*519,817* PC **A02**/MF **A01**

**LA-UR-84-3651**
Natural Convection Heat Transfer Between Arrays of Horizontal Cylinders and Their Enclosure.
DE85003773 **08**-*518,171* PC **A02**/MF **A01**

**LA-UR-84-3673**
ASPEN Simulation of Commercial HYTORT Reactor Configurations.
DE85003738 **11**-*525,694* PC **A02**/MF **A01**

**LA-UR-84-3688**
Comet Showers and Nemesis, the Death Star.
DE85003736 **11**-*523,351* PC **A02**/MF **A01**

**LA-UR-84-3743**
Flexibility: A Key to Successful Quality Circles.
DE85003737 **13**-*528,627* PC **A02**/MF **A01**

**LA-UR-84-3755**
Americium Metal Preparation on the Multigram Scale.
DE85003735 **11**-*523,928* PC **A02**/MF **A01**

**LA-UR-84-3762**
3-D Treatment of Convective Flow in the Earth's Mantle.
DE85003734 **09**-*518,978* PC **A02**/MF **A01**

**LA-UR-84-3791**
Seismic Category I Structures Program.
DE85005721 **13**-*530,201* PC **A02**/MF **A01**

**LA-UR-84-3793**
Los Alamos Free Electron Laser: Accelerator Performance.
DE85005722 **11**-*525,417* PC **A03**/MF **A01**

**LA-UR-84-3805**
Use of Markers to Elucidate Reacting Sputtering Processes.
DE85005723 **11**-*525,340* PC **A02**/MF **A01**

**LA-UR-84-3808**
Affect of Angle of Incidence on Plasmas Generated During Laser Welding.
DE85005724 **12**-*527,406* PC **A02**/MF **A01**

**LA-UR-84-3809**
Actinide Recovery from Pyrochemical Residues.
DE85005725 **11**-*525,130* PC **A02**/MF **A01**

**LA-UR-84-3810**
Plutonium Metal and Alloy Preparation by Molten Chloride Reduction.
DE85005726 **11**-*523,935* PC **A02**/MF **A01**

**LA-UR-84-3812**
Low-Lying Isovector Excitations in Heavy Nuclei.
DE85005727 **11**-*525,483* PC **A02**/MF **A01**

**LA-UR-84-3856**
Lung Cancer in Rats Exposed to Fibrogenic Dusts.
DE85005728 **12**-*526,587* PC **A03**/MF **A01**

**LA-UR-84-3902**
Nonlinear DSA Difference Schemes for Radiative Transfer Applications.
DE85005729 **13**-*530,046* PC **A02**/MF **A01**

**LA-UR-84-3921**
Simulations of the ASCOT 80 Night 2 Tracer Data with Three-Dimensional Transport/Diffusion Models Using Two Data Sets.
DE85005730 **11**-*524,639* PC **A03**/MF **A01**

**LA-UR-84-3927**
Augmented Weighted Diamond Form of the Linear Nodal Scheme for Cartesian Coordinate Systems.
DE85005631 **13**-*529,561* PC **A02**/MF **A01**

**LA-UR-84-3928**
Projected Discrete Ordinates Methods for Numerical Transport Problems.
DE85005632 **13**-*530,045* PC **A02**/MF **A01**

**LA-UR-84-3935**
Los Alamos Hybrid Environment: An Integrated Development/Configuration Management System.
DE85005543 **11**-*524,256* PC **A02**/MF **A01**

**LA-UR-84-3940**
Heat Distribution by Natural Convection.
DE85005573 **13**-*529,584* PC **A02**/MF **A01**

**LA-UR-84-3942**
Bottleneckology: Evaluating Supercomputers.
DE85005574 **11**-*524,257* PC **A02**/MF **A01**

**LA-UR-84-3953**
Linear-Discontinuous Galerkin Approximation for the Continuous-Slowing-Down Operator.
DE85005575 **13**-*530,044* PC **A02**/MF **A01**

**LA-UR-84-3954**
Transport Code for Radiocolloid Migration: With an Assessment of an Actual Low-Level Waste Site.
DE85005576 **12**-*527,752* PC **A02**/MF **A01**

**LA-UR-84-3956**
Explosive Engineering Problems from Fragmentation Tests in Oil Shale at the Anvil Points Mine, Colorado.
DE85005577 **12**-*526,810* PC **A02**/MF **A01**

**LA-UR-84-3969**
ILUM Code: Solar and Lunar Flux Calculations for Multi-Cloud Layered Atmospheres.
DE85005578 **12**-*526,002* PC **A02**/MF **A01**

**LA-UR-84-3980**
Los Alamos Free Atomic Tritium beta Decay Experiment.
DE85005579 **12**-*527,998* PC **A02**/MF **A01**

**LA-UR-84-4008**
Dynamical Calculations of Nuclear Fission and Heavy-Ion Reactions.
DE85005580 **12**-*527,999* PC **A02**/MF **A01**

**LA-UR-84-4011**
Long-Term Observations of Cyg X-3 with Vela 5B.
DE85005556 **13**-*528,383* PC **A02**/MF **A01**

**LA-UR-84-4015**
Status of the Los Alamos Free Atomic Tritium beta-Decay Experiment.
DE85005557 **12**-*527,997* PC **A02**/MF **A01**

**LA-UR-84-4017**
Evaluation of the Crack Plane Equilibrium Model for Predicting Plastic Fracture.
DE85005558 **22**-*551,190* PC **A02**/MF **A01**

**LA-UR-84-4024**
Soils as Samples for the Split Hopkinson Bar.
DE85005559 **11**-*524,194* PC **A02**

**LA-UR-84-4025**
Investigation into the High Strain-Rate Behavior of Compacted Sand Using the Split-Hopkinson Pressure Bar Technique.
DE85005560 **13**-*529,102* PC **A02**/MF **A01**

**LA-UR-84-4028**
Sodium and Lithium Corrosion in Molybdenum Heat Pipes.
DE85005561 **13**-*529,471* PC **A02**/MF **A01**

**LA-UR-84-4035**
KIVA: A Comprehensive Model for 2D and 3D Engine Simulations.
DE85005562 **14**-*532,850* PC **A02**/MF **A01**

**LA-UR-84-4036**
Superfine Laser Position Control Using Statistically Enhanced Resolution in Real Time.
DE85005643 **12**-*527,938* PC **A02**/MF **A01**

**LA-UR-84-4046**
Heavy Dimesons.
DE85005644 **12**-*528,000* PC **A02**/MF **A01**

**LA-UR-84-4049**
Portable Standard LISP on the Cray.
DE85005645 **11**-*524,258* PC **A02**/MF **A01**

**LA-UR-85-16**
Hands-on Program of IBM-PC Training at Los Alamos National Laboratory.
DE85005907 **15**-*533,181* PC **A02**/MF **A01**

**LA-UR-85-52**
Historical Perspective on the Moon Base: The British Experience.
DE85005905 **13**-*528,596* PC **A02**/MF **A01**

**LA-UR-85-53**
Simulation of Rock Fracture with the 3-D SHALE Code.
DE85005903 **13**-*529,078* PC **A02**/MF **A01**

**LA-UR-85-61**
Surveying and Optical Tooling Technologies Combined to Align a Skewed Beamline at the LAMPF Accelerator.
DE85005902 **13**-*530,355* PC **A02**/MF **A01**

**LA-UR-85-63**
Measurement of Ground Shock in Explosive Centrifuge Model Tests.
DE85005901 **13**-*530,014* PC **A02**/MF **A01**

**LA-UR-85-68**
Apparatus for Ground Water Chemistry Investigations in Field Caissons.
DE85005900 **13**-*530,078* PC **A02**/MF **A01**

**LA-UR-85-97**
Measurement and Theory of Turbulence in RR Lyrae.
DE85005899 **12**-*525,976* PC **A02**/MF **A01**

**LA-UR-85-129**
Coping with Computer Terminology.
DE85006076 **15**-*533,818* PC **A02**/MF **A01**

**LA-UR-85-140**
RFQ As a Particle Decelerator.
DE85005897 **13**-*530,354* PC **A02**/MF **A01**

**LA-UR-85-151**
Modern Test of Chiral Anomalies.
DE85005892 **13**-*530,390* PC **A02**/MF **A01**

**LA-UR-85-158**
Slideline Verification for Multilayer Pressure Vessels and Piping Analysis Including Strain Hardening.
DE85005816 **19**-*543,631* PC **A02**/MF **A01**

**LA-UR-85-179**
Dense Z-Pinch Plasmas.
DE85005818 **22**-*550,956* PC **A02**/MF **A01**

**LA-UR-85-181**
Conversion from RSX-11D to RSX-11M or: Did I Really Want to Do It.
DE85005968 **13**-*530,357* PC **A02**/MF **A01**

**LA-UR-85-205**
Harnessing Computational Power: Distributed Combinator Reduction.
DE85005967 **12**-*526,919* PC **A02**/MF **A01**

**LA-UR-85-209**
Measurements of Neutrino Mass.
DE85005966 **13**-*530,391* PC **A02**/MF **A01**

**LA-UR-85-214**
Enriched Uranium Recovery at Los Alamos.
DE85005965 **13**-*530,079* PC **A04**/MF **A01**

**LA-UR-85-225**
Nondispersive X-Ray Diagnostics of Short Lived Plasmas.
DE85005964 **24**-*556,898* PC **A03**/MF **A01**

**LA-UR-85-226**
High Energy X-Ray Diagnostics of Short Lived Plasmas.
DE85005963 **25**-*559,676* PC **A02**/MF **A01**

**LA-UR-85-227**
Fiber Optics in X-Ray Diagnostics Applications.
DE85005962 **23**-*554,236* PC **A02**/MF **A01**

**LA-UR-85-233**
Two-Dimensional Beat Wave Acceleration Simulation.
DE85005961 **13**-*530,356* PC **A02**/MF **A01**

**LA-UR-85-234**
Heat, Mass, and Momentum Transport Model for Hydrogen Diffusion Flames in Nuclear Reactor Containments.
DE85006679 **24**-*556,339* PC **A03**/MF **A01**

**LA-UR-85-242**
Shifted Homologous Relationships Between the Transplutonium and Early Rare-Earth Metals.
DE85006712 **12**-*526,691* PC **A02**/MF **A01**

**LA-UR-85-249**
Nu/sub mu /C sup 12 Yields mu exp - X Cross Section and nu/sub mu / - nu/sub e/ Oscillation Using the Decay-in-Flight Source at Line-E of LAMPF.
DE85006711 **13**-*530,403* PC **A02**/MF **A01**

**LA-UR-85-268**
Calculation of Series Capacitance for Transient Analysis of Windings.
DE85006710 **22**-*550,172* PC **A02**/MF **A01**

**LA-UR-85-280**
Is Local Equilibrium a Useful Concept in Hadronic Interactions.
DE85006709 **12**-*528,012* PC **A02**/MF **A01**

**LA-UR-85-285**
Winds in Cataclysmic Variable Stars.
DE85006708 **12**-*525,977* PC **A02**/MF **A01**

**LA-UR-85-286**
Optical Pulsar in the Large Magellanic Cloud Remnant 0540-69.3.
DE85006707 **13**-*528,386* PC **A02**/MF **A01**

**LA-UR-85-288**
Solution Softening in Molybdenum-Rhenium Alloys.
DE85006706 **12**-*527,110* PC **A02**/MF **A01**

**LA-UR-85-294**
Management of Vacuum Leak-Detection Processes, Standards, and Calibration.
DE85006705 **13**-*529,812* PC **A02**/MF **A01**

**LA-UR-85-311**
Closer Look at Lunar Volcanism.
DE85006663 **13**-*528,384* PC **A02**/MF **A01**

**LA-UR-85-312**
Microwave Processing of Lunar Materials: Potential Applications.
DE85007223 **13**-*529,429* PC **A02**/MF **A01**

**LA-UR-85-321**
Use of CORRTEX to Measure Explosive Performance and Stem Behavior in Oil Shale Fragmentation Tests.
DE85006704 **12**-*526,817* PC **A02**/MF **A01**

**LA-UR-85-362**
Aerosol Deposition Along the Respiratory Tract at Zero Gravity: A Theoretical Study.
DE85006703 **13**-*528,867* PC **A02**/MF **A01**

**LA-UR-85-363**
Mechanical Properties of Lunar Materials under Anhydrous, Hard Vacuum Conditions: Applications of Lunar Glass Structural Components.
DE85006682 **13**-*528,385* PC **A02**/MF **A01**

**LA-UR-85-364**
Surface Exploration Geophysics Applied to the Moon.
DE85006714 **13**-*528,387* PC **A02**/MF **A01**

**LA-UR-85-367**
In-House Training Program to Correct Some Technician Mathematics and Chemistry Deficiencies at Los Alamos National Laboratory.
DE85006713 **13**-*528,628* PC **A02**/MF **A01**

**LA-UR-85-370**
Hydrogen Recovery from Extraterrestrial Materials Using Microwave Energy.
DE85006717 **13**-*530,616* PC **A02**/MF **A01**

**LA-UR-85-384**
In-Situ Rock Melting Applied to Lunar Base Construction and for Exploration Drilling and Coring on the Moon.
DE85006716 **13**-*528,388* PC **A03**/MF **A01**

**LA-UR-85-397**
Transient Voltage Oscillations in Coils.
DE85006715 **13**-*529,975* PC **A02**/MF **A01**

**LA-UR-85-400**
New Slab Geometry Radiation Transport Differencing Scheme.
DE85006681 **18**-*541,504* PC **A02**/MF **A01**

**LA-UR-85-410**
Tritium Systems Test Assembly Quality Assurance Program.
DE85007697 **13**-*529,999* PC **A02**/MF **A01**

**LA-UR-85-411**
Tritium Systems Test Assembly Operator Training Program.
DE85007698 **13**-*530,000* PC **A02**/MF **A01**

**LA-UR-85-413**
Fundamentals of Plasma Simulation.
DE85007699 **13**-*530,505* PC **A02**/MF **A01**

**LA-UR-85-419**
Neutrino Measurements on the Moon.
DE85007700 **13**-*528,389* PC **A02**/MF **A01**

**LA-UR-85-451**
Particle Code Simulations with Injected Particles.
DE85007701 **13**-*530,506* PC **A02**/MF **A01**

**LA-UR-85-452**
Hybrid Simulation Codes with Application to Shocks and Upstream Waves.
DE85007702 **13**-*530,507* PC **A02**/MF **A01**

**LA-UR-85-457**
Thermal Hydraulics of a Feed-Water Pipe Breakage with a Back-Pressure Check Valve.
DE85007703 **20**-*546,338* PC **A02**/MF **A01**

**LA-UR-85-467**
Sintering Reactions, Structure and Properties of a Cobalt Free Nonconventional Hard Material.
DE85007704 **17**-*538,190* PC **A02**/MF **A01**

**LA-UR-85-494**
Systems Analysis Approach to Probabilistic Modeling of Fault Trees.
DE85007705 **22**-*551,191* PC **A02**/MF **A01**

**LA-UR-85-495**
Bayesian Analysis of Heat Pipe Life Test Data for Reliability Demonstration Testing.
DE85007706 **22**-*551,213* PC **A02**/MF **A01**

**LA-UR-85-507**
Case Histories of EA Documents for Nuclear Waste.
DE85007707 **13**-*530,113* PC **A02**/MF **A01**

**LA-UR-85-508**
Low Density Inorganic Foams Fabricated Using Microwaves.
DE85007708 **14**-*531,836* PC **A02**/MF **A01**

**LA-UR-85-513**
Steady-State Spheromak Reactor Studies.
DE85007709 **14**-*532,413* PC **A02**/MF **A01**

**LA-UR-85-513-REV.**
Steady-State Spheromak Reactor Studies. Revision.
DE85009585 **17**-*538,836* PC **A02**/MF **A01**

**LA-UR-85-516**
Fusion-Power-Core Design of a Compact Reversed-Field Pinch Reactor (CRFPR).
DE85007710 **13**-*530,001* PC **A02**/MF **A01**

**LA-UR-85-523**
Optimizing Computational Efficiency and User Convenience in Plasma Simulation Codes.
DE85007661 **13**-*530,503* PC **A02**/MF **A01**

**LA-UR-85-530**
X-Ray Emission and the Winds of Cataclysmic Variables.
DE85007663 **14**-*530,867* PC **A02**/MF **A01**

**LA-UR-85-554**
Calculated Masses and Decay Properties for Heavy and Superheavy Elements.
DE85007664 **15**-*534,853* PC **A02**/MF **A01**

**LA-UR-85-558**
Vital Areas at Nuclear Power Plants.
DE85007665 **20**-*546,424* PC **A02**/MF **A01**

**LA-UR-85-560**
Image Processing: Mathematics, Engineering, or ART.
DE85007666 **15**-*533,249* PC **A02**/MF **A01**

**LA-UR-85-567**
Numerical Modeling of Waianae Harbor.
DE85007667 **14**-*531,545* PC **A02**/MF **A01**

**LA-UR-85-582**
Radial Implosion Acceleration.
DE85007669 **13**-*529,997* PC **A02**/MF **A01**

**LA-UR-85-609**
Monitoring Polynuclear Aromatic Hydrocarbons at a Coal Gasification Facility: Preliminary Results.
DE85007670 **13**-*528,788* PC **A02**/MF **A01**

**LA-UR-85-632**
Inertia, Stability and Ductility in Uniaxial Tension at High Strain Rate.
DE85007671 **25**-*558,795* PC **A02**/MF **A01**

**LA-UR-85-634**
Intrinsically Irreversible Acoustic Heat Engines.
DE85007672 **18**-*540,977* PC **A02**/MF **A01**

**LA-UR-85-638**
Evalua[illegible] Concrete Creep and Stress Redistribution in a Prot[illegible] CRV Following Rupture of Prestressing Tendons.
DE85007673 **22**-*551,131* PC **A02**/MF **A01**

**LA-UR-85-639**
Incorporation of Monte Carlo Electron Interface Studies into Photon General Cavity Theory.
DE85007674 **15**-*534,854* PC **A02**/MF **A01**

**LA-UR-85-643**
Low Energy Tests for the Standard Model and Beyond.
DE85007675 **13**-*530,441* PC **A02**/MF **A01**

**LA-UR-85-663**
Use of CREAMS Model in Experimental Designs for Shallow Land Burial of Low Level Wastes.
DE85007676 **14**-*532,467* PC **A02**/MF **A01**

**LA-UR-85-664**
Subsidence and Settlement and Their Effect on Shallow Land Burial.
DE85007677 **13**-*530,111* PC **A02**/MF **A01**

**LA-UR-85-674**
Resonator Optical Designs for Free Electron Lasers.
DE85007678 **13**-*530,341* PC **A02**/MF **A01**

**LA-UR-85-675**
Fluid Modeling of Magnetized Plasmas.
DE85007679 **13**-*528,413* PC **A02**/MF **A01**

**LA-UR-85-702**
Design Optimization of Single-Main-Amplifier KrF Laser-Fusion Systems.
DE85007680 **13**-*530,342* PC **A02**/MF **A01**

**LA-UR-85-703**
Compact Inertial Confinement Multireactor Concepts.
DE85007681 **13**-*529,998* PC **A02**/MF **A01**

**LA-UR-85-718**
Nonequilibrium Sorptive Behavior of Cobalt, Cesium, and Strontium on Bandelier Tuff: Experiments and Analysis.
DE85007682 **13**-*530,112* PC **A02**/MF **A01**

**LA-UR-85-723**
Analysis of Nonlinear Parabolic Equations Modeling Plasma Diffusion Across a Magnetic Field.
DE85007683 **13**-*530,504* PC **A03**/MF **A01**

**LA-UR-85-725**
Seismic Tests on Models of Reinforced-Concrete Category I Buildings.
DE85007684 **22**-*551,132* PC **A02**/MF **A01**

**LA-UR-85-728**
Gap Between Active and Passive Solar Heating.
DE85007685 **18**-*540,978* PC **A02**/MF **A01**

**LA-UR-85-732**
Distribution of exp 239 Pu and exp 241 Am in the Human Skeleton.
DE85007637 **14**-*531,401* PC **A02**/MF **A01**

**LA-UR-85-733**
Lidar Techniques for Search and Rescue.
DE85009586 **18**-*541,433* PC **A02**/MF **A01**

**LA-UR-85-734**
Two-Dimensional TBR Calculations for Conceptual Compact Reversed-Field Pinch Reactor Blanket.
DE85007636 **14**-*532,412* PC **A02**/MF **A01**

**LA-UR-85-742**
Three-Dimensional Hydrodynamic Hot-Spot Model.
DE85009587 **20**-*546,475* PC **A02**/MF **A01**

**LA-UR-85-746**
Sizing of a Hot Dry Rock Reservoir from a Hydraulic Fracturing Experiment.
DE85009588 **19**-*543,078* PC **A02**/MF **A01**

**LA-UR-85-747**
KrF Laser Cost/Performance Model for ICF Commercial Applications.
DE85009589 **17**-*538,837* PC **A02**/MF **A01**

**LA-UR-85-748**
Megajoule-Class Single-Pulse KrF Laser Test Facility as a Logical Step Toward Inertial Fusion Commercialization.
DE85009590 **17**-*538,838* PC **A02**/MF **A01**

**LA-UR-85-752**
Comparison Study of Toroidal-Field Divertors for a Compact Reversed-Field Pinch Reactor.
DE85009591 **16**-*536,551* PC **A02**/MF **A01**

**LA-UR-85-753**
Recent Progress in Stellarator Reactor Conceptual Design.
DE85009592 **16**-*536,552* PC **A02**/MF **A01**

**LA-UR-85-769**
Modeling Heterogeneous High Explosive Burn with an Explicit Hot-Spot Process.
DE85009593 **20**-*546,476* PC **A02**/MF **A01**

**LA-UR-85-783**
Chemical Spectroscopy.
DE85009594 **17**-*537,647* PC **A02**/MF **A01**

**LA-UR-85-785**
Equilibrium Sorption of Cobalt, Cesium, and Strontium on Bandelier Tuff: Analysis of Alternative Mathematical Modeling.
DE85009570 **16**-*536,628* PC **A02**/MF **A01**

**LA-UR-85-790**
Inertial Fusion Reactors and Magnetic Fields.
DE85009571 **17**-*538,835* PC **A02**/MF **A01**

**LA-UR-85-802**
Flow Cytometry for Health Monitoring in Space.
DE85009572 **17**-*537,579* PC **A03**/MF **A01**

**LA-UR-85-810**
Distributed Implementation of Functional Program Evaluation.
DE85009573 **19**-*543,035* PC **A02**/MF **A01**

**LA-UR-85-823**
Development of a Recombinant DNA Assay System for the Detection of Genetic Change in Astronauts' Cells.
DE85010103 **19**-*542,736* PC **A02**/MF **A01**

**LA-UR-85-828**
New Probabilistic Modeling and Simulation Methods for Complex Time-Dependent Systems.
DE85009575 **21**-*548,214* PC **A02**/MF **A01**

**LA-UR-85-831**
Methods for Increasing Drilling Performance of the Thermal Spallation Drilling System.
DE85009576 **23**-*552,908* PC **A02**/MF **A01**

**LA-UR-85-837**
Sub lambda, sup 5 He: Hadrons or Quarks.
DE85009577 **17**-*539,385* PC **A02**/MF **A01**

**LA-UR-85-848**
Pattern Selection and Instability in Nonlinear Wave Equation: An Aspect of Soliton and Chaos.
DE85009578 **16**-*536,752* PC **A02**/MF **A01**

**LA-UR-85-854**
Los Alamos Automated Configuration Accounting System: A Proposal.
DE85009579 **17**-*537,937* PC **A02**/MF **A01**

**LA-UR-85-860**
Real Time Analysis of PETN Detonation Products.
DE85009581 **20**-*546,474* PC **A02**/MF **A01**

**LA-UR-85-868**
DHC: A Diurnal Heat Capacity Program for Microcomputers.
DE85009545 **19**-*543,307* PC **A02**/MF **A01**

**LA-UR-85-869**
Impacts of Research Efforts on New and Existing Buildings.
DE85009546 **17**-*538,383* PC **A02**/MF **A01**

**LA-UR-85-882**
Accelerator Technology Working Group Summary.
DE85009547 **17**-*539,365* PC **A02**/MF **A01**

**LA-UR-85-883**
High-Brightness Photoemitter Development for Electron Accelerator Injectors.
DE85009548 **17**-*539,322* PC **A02**/MF **A01**

**LA-UR-85-884**
Thermal Spallation Drilling.
DE85009549 **17**-*538,586* PC **A02**/MF **A01**

**LA-UR-85-887**
Vapor Phase Heat Transport Concepts.
DE85009550 **20**-*545,609* PC **A02**/MF **A01**

**LA-UR-85-899**
Sensitive Dependence to Parameters, Fat Fractals, and Universal Strange Attractors.
DE85009551 **19** *543,264* PC **A02**/MF **A01**

**LA-UR-85-915**
Loss-of-Flow Transient Characterization in Carbide-Fueled LMFBRs.
DE85009552 **18**-*541,592* PC **A02**/MF **A01**

**LA-UR-85-925**
Development of a New Borehole Acoustic Televiewer for Geothermal Applications.
DE85009553 **23**-*552,902* PC **A02**/MF **A01**

**LA-UR-85-926**
Examination of Insulation Wear Modes in Geothermal Logging Cables.
DE85009554 **23**-*552,903* PC **A02**/MF **A01**

**LA-UR-85-927**
Upgrades in Thermal Protection for Downhole Instruments.
DE85009555 **23**-*552,904* PC **A02**/MF **A01**

**LA-UR-85-928**
Space Age Telemetry for Geothermal Well Logging: The Wireline Transmission Link.
DE85009556 **23**-*552,905* PC **A02**/MF **A01**

**LA-UR-85-929**
Well Completion and Operations for MHF of Fenton Hill HDR Well EE-2.
DE85009557 **23**-*552,906* PC **A02**/MF **A01**

**LA-UR-85-930**
Characteristics of Microearthquakes Accompanying Hydraulic Fracturing as Determined from Studies of Spectra of Seismic Waveforms.
DE85009558 **23**-*552,907* PC **A02**/MF **A01**

**LA-UR-85-931**
Massive Hydraulic Fracture of Fenton Hill HDR Well EE-3.
DE85010111 **23**-*552,917* PC **A02**/MF **A01**

**LA-UR-85-932**
Natural Convection in Nonvertical Wells.

DE85010110 **23**-*552,916* PC **A02**/MF **A01**

**LA-UR-85-933**
Seismic Studies of a Massive Hydraulic Fracturing Experiment.
DE85010109 **23**-*552,915* PC **A02**/MF **A01**

**LA-UR-85-934**
Recent Developments in the Hot Dry Rock Geothermal Energy Program.
DE85009562 **24**-*555,610* PC **A02**/MF **A01**

**LA-UR-85-942**
Adaptive Rezoner in a Two-Dimensional Lagrangian Hydrodynamic Code.
DE85010108 **21**-*549,022* PC **A02**/MF **A01**

**LA-UR-85-954**
Moment Code BEDLAM.
DE85009569 **16**-*536,793* PC **A02**/MF **A01**

**LA-UR-85-962**
New Tritium Monitor for the Tokamak Fusion Test Reactor.
DE85009568 **16**-*536,550* PC **A02**/MF **A01**

**LA-UR-85-963**
Wind and Saltation Driven Particle Resuspension in a Wind Tunnel.
DE85009632 **18**-*539,796* PC **A02**/MF **A01**

**LA-UR-85-980**
Rotating Film Radiators for Space Applications.
DE85009633 **22**-*551,214* PC **A02**/MF **A01**

**LA-UR-85-981**
Synthesis of Ultrafine Ceramic and Metallic Powders in a Thermal Argon RF Plasma.
DE85009634 **20**-*544,921* PC **A02**/MF **A01**

**LA-UR-85-982**
Cryogenic Hydrogen Isotope Distillation for the Fusion Fuel Cycle.
DE85009635 **17**-*538,877* MF **A01**

**LA-UR-85-983**
Experiments on a Ceramic Electrolysis Cell and a Palladium Diffuser at the Tritium Systems Test Assembly.
DE85009636 **17**-*538,839* PC **A02**/MF **A01**

**LA-UR-85-990**
Formation of Microvilli.
DE85009637 **26**-*560,272* PC **A02**/MF **A01**

**LA-UR-85-994**
Laser Produced Plasma Affects on Welding.
DE85009638 **25**-*558,707* PC **A02**/MF **A01**

**LA-UR-85-1004**
Determination of in-Situ Stress to Predict Direction of Hydraulically Created Fractures for Development of Hot Dry Rock Geothermal Reservoir in Japan.
DE85009639 **25**-*558,254* PC **A02**/MF **A01**

**LA-UR-85-1005**
History and Results of VC-1, the First CSDP Corehole in Valles Caldera, New Mexico.
DE85009640 **23**-*552,909* PC **A02**/MF **A01**

**LA-UR-85-1006**
Downhole Seismic Noise Measurements in the Beowawe Geothermal Field, Nevada.
DE85009641 **23**-*552,910* PC **A02**/MF **A01**

**LA-UR-85-1007**
Shocking Behavior of Fluid Flow in Deformable Joints.
DE85010104 **23**-*552,914* PC **A02**/MF **A01**

**LA-UR-85-1008**
Estimating Fracture Apertures from Hydraulic Data and Comparison with Theory.
DE85009643 **23**-*552,911* PC **A02**/MF **A01**

**LA-UR-85-1009**
Information Extraction from Noisy Televiewer Logs of Inclined Holes in Hard Rock.
DE85009644 **23**-*552,912* PC **A02**/MF **A01**

**LA-UR-85-1021**
Free Electron Laser Variable Bridge Coupler.
DE85009630 **17**-*539,366* PC **A02**/MF **A01**

**LA-UR-85-1022**
Attractors for the Kuramoto-Sivashinsky Equations.
DE85009631 **19**-*543,265* PC **A02**/MF **A01**

**LA-UR-85-1023**
Effect of Precipitation Variables on the Specific Surface and Explosion Characteristics of Pentaerythritol Tetranitrate.
DE85009620 **20**-*546,466* PC **A02**/MF **A01**

**LA-UR-85-1028**
Sensitive Detection of Tunable Diode Laser Absorption by Polarization Rotation.
DE85009621 **18**-*542,029* PC **A02**/MF **A01**

**LA-UR-85-1035**
Alternative Fusion Concepts and the Prospects for Improved Reactors.
DE85009622 **22**-*550,958* PC **A02**/MF **A01**

**LA-UR-85-1045**
Natural Air Motion in Passive Buildings.
DE85009623 **18**-*541,006* PC **A02**/MF **A01**

**LA-UR-85-1046**
Performance Analysis of Mixed Passive Solar Heating Systems.
DE85009624 **19**-*543,308* PC **A02**/MF **A01**

**LA-UR-85-1049**
Gradient Scaling for Nonuniform Meshes.
DE85009625 **21**-*549,021* PC **A02**/MF **A01**

**LA-UR-85-1055**
Noise-Sustained Structure, Intermittency, and the Ginzburg-Landau Equation.
DE85009626 **21**-*549,134* PC **A02**/MF **A01**

**LA-UR-85-1060**
Physics with Low Temperature Antiprotons.
DE85009627 **17**-*539,387* PC **A02**/MF **A01**

**LA-UR-85-1062**
Crystal Growth from the Vapor in Low Gravity Environments.
DE85009628 **17**-*539,270* PC **A02**/MF **A01**

**LA-UR-85-1066**
Synthesis Chemistry of Ceramics by Solid-State Combustion Processes in Micro-Gravity.
DE85009595 **17**-*538,191* PC **A02**/MF **A01**

**LA-UR-85-1073**
Statistical Analyses in the Study of Solar Wind-Magnetosphere Coupling.
DE85009596 **19**-*542,225* PC **A03**/MF **A01**

**LA-UR-85-1078**
Compressible Lagrangian Hydrodynamics Without Lagrangian Cells.
DE85009597 **18**-*541,676* PC **A02**/MF **A01**

**LA-UR-85-1088**
Electron Density Distribution Analysis for Nitroguanidine.
DE85009598 **20**-*546,464* PC **A02**/MF **A01**

**LA-UR-85-1092**
Gravitational Properties of Antimatter.
DE85009601 **17**-*539,386* PC **A02**/MF **A01**

**LA-UR-85-1094**
Characteristics of a Numerical Fluid Dynamics Simulator.
DE85009602 **19**-*543,995* PC **A02**/MF **A01**

**LA-UR-85-1097**
Vibrational Energy Transfer in Benzene-Argon Collisions.
DE85009603 **17**-*537,648* PC **A02**/MF **A01**

**LA-UR-85-1114**
Shock Desensitization of PBX-9404 and Composition B-3.
DE85009604 **17**-*539,231* PC **A02**/MF **A01**

**LA-UR-85-1119**
Caviton Collapse of SRS (Stimulated Raman Scatter) by SBS (Stimulated Brillouin Scatter).
DE85009605 **19**-*544,210* PC **A02**/MF **A01**

**LA-UR-85-1122**
Detonation in Tungsten-Loaded HMX.
DE85009606 **20**-*546,477* PC **A02**/MF **A01**

**LA-UR-85-1128**
Clarke Stations and Mercurian Mass-Drivers: Energy for Large-Scale Transportation Systems.
DE85009607 **19**-*544,449* PC **A02**/MF **A01**

**LA-UR-85-1129**
Equation of State for Detonation Products.
DE85009608 **17**-*539,232* PC **A02**/MF **A01**

**LA-UR-85-1130**
Intermolecular Explosives.
DE85009609 **20**-*546,465* PC **A02**/MF **A01**

**LA-UR-85-1135**
Mechanical Threshold of Dynamically Deformed Copper and Nitronic 40.
DE85010779 **24**-*555,743* PC **A02**/MF **A01**

**LA-UR-85-1138**
Pattern Recognition and Tomography Using Crosswell Acoustic Data.
DE85010780 **19**-*542,913* PC **A02**/MF **A01**

**LA-UR-85-1139**
In-Situ Physical Properties Measurements Using Crosswell Acoustic Data.
DE85010778 **19**-*542,912* PC **A02**/MF **A01**

**LA-UR-85-1141**
Plasma Heating Effects During Laser Welding.
DE85010776 **25**-*558,708* PC **A02**/MF **A01**

**LA-UR-85-1149**
Pulsed Hydrojet Propulsion.
DE85010771 **20**-*547,155* PC **A03**/MF **A01**

**LA-UR-85-1151**
Comparison of Simulation with Experiment in an RFQ.
DE85010770 **18**-*541,726* PC **A02**/MF **A01**

**LA-UR-85-1164**
Lifetime and Quenching Measurements of C sub 2 H Emission Produced by Vacuum Ultraviolet Photolysis of C sub 2 H sub 2.
DE85010769 **18**-*540,335* PC **A02**/MF **A01**

**LA-UR-85-1167**
Tailored Vacuum Chambers for AC Magnets.
DE85010767 **19**-*544,108* PC **A02**/MF **A01**

**LA-UR-85-1172**
Accelerator Vibration Issues.
DE85010766 **19**-*544,107* PC **A02**/MF **A01**

**LA-UR-85-1173**
MCNP Variance Reduction Overview.
DE85010765 **18**-*541,841* PC **A02**/MF **A01**

**LA-UR-85-1174**
MCNP: A General Monte Carlo Code for Neutron and Photon Transport.
DE85010764 **18**-*541,515* PC **A02**/MF **A01**

**LA-UR-85-1175**
SABRINA: An Interactive Solid Geometry Modeling Program for Monte Carlo.
DE85010796 **18**-*540,608* PC **A02**/MF **A01**

**LA-UR-85-1176**
Static High Pressure Study of Nitric Oxide Chemistry: Proposed Mechanism for Nitric Oxide Detonation.
DE85010795 **19**-*542,790* PC **A02**/MF **A01**

**LA-UR-85-1186**
Nuclear Data for MCNP.
DE85010794 **19**-*543,856* PC **A02**/MF **A01**

**LA-UR-85-1187**
Development and Application of the Los Alamos Nuclear Microprobe: Hardware, Software, and Calibration.
DE85010793 **22**-*550,828* PC **A02**/MF **A01**

**LA-UR-85-1193**
Moments in Particle-in-Cell Simulations.
DE85010792 **18**-*541,727* PC **A02**/MF **A01**

**LA-UR-85-1194**
MECA: A Multiprocessor Concept Specialized to Monte Carlo.
DE85010791 **18**-*540,607* PC **A02**/MF **A01**

**LA-UR-85-1201**
Effect of Confinement on Failure in 95 TATB/5 KEL-F.
DE85010790 **18**-*541,623* PC **A02**/MF **A01**

**LA-UR-85-1202**
Monte Carlo: In the Beginning and Some Great Expectations.
DE85010789 **19**-*543,290* PC **A02**/MF **A01**

**LA-UR-85-1203**
Acoustic Mode in Numerical Calculations of Subsonic Combustion.
DE85010788 **18**-*541,913* PC **A02**/MF **A01**

**LA-UR-85-1205**
Phase and Amplitude Feedback Control System for the Los Alamos Free-Electron Laser.
DE85010787 **18**-*541,693* PC **A02**/MF **A01**

**LA-UR-85-1207**
Low-Discrepancy Point Sets in Transport Codes.
DE85010786 **18**-*541,516* PC **A02**/MF **A01**

**LA-UR-85-1208**
Picosecond-Pulse Damage Studies of Diffraction Gratings.
DE85010785 **19**-*544,036* PC **A02**/MF **A01**

**LA-UR-85-1216**
Grazing Incidence Beam Expander.
DE85010784 **18**-*541,692* PC **A02**/MF **A01**

**LA-UR-85-1223**
Quasiparticle Excitations in Valence-Fluctuation Materials: Effects of Band Structure and Crystal Fields.
DE85010783 **18**-*541,885* PC **A02**/MF **A01**

**LA-UR-85-1224**
Monte Carlo alpha Calculation.
DE85010720 **18**-*541,514* PC **A02**/MF **A01**

**LA-UR-85-1227**
Los Alamos Free-Electron Laser (FEL) Rf System.
DE85010719 **18**-*541,690* PC **A02**/MF **A01**

**LA-UR-85-1236**
Pressure Recovery in a Cylindrical Heat Pipe at High Radial Reynolds Numbers and at High Mach Numbers.
DE85010718 **18**-*541,021* PC **A02**/MF **A01**

**LA-UR-85-1237**
Performance Characteristics of Gravity-Assisted, Potassium Heat Pipes.
DE85010717 **18**-*541,618* PC **A02**/MF **A01**

**LA-UR-85-1243**
High-Energy Particle Monte Carlo at Los Alamos.
DE85010716 **18**-*541,513* PC **A02**/MF **A01**

**LA-UR-85-1251**
Magnetic Fields in Laser Heated Plasmas.
DE85010715 **19**-*544,211* PC **A02**/MF **A01**

**LA-UR-85-1253**
Determination of DTL Configurations.
DE85010714 **19**-*544,103* PC **A02**/MF **A01**

**LA-UR-85-1255**
Monte Carlo Learning/Biasing Experiment with Intelligent Random Numbers.
DE85010713 **20**-*546,644* PC **A03**/MF **A01**

**LA-UR-85-1261**
Implicit Monte Carlo Methods and Non-Equilibrium Marshak Wave Radiative Transport.
DE85010711 **19**-*544,141* PC **A02**/MF **A01**

**LA-UR-85-1267**
Monte Carlo Simulations of Fermion Systems: The Determinant Method
DE85010708 **18**-*541,838* PC **A02**/MF **A01**

**LA-UR-85-1278**
Photofragment Fluorescence as a Sensitive Probe for Gas-Phase Alkali Compounds and Their Photochemistry.
DE85010707 **19**-*542,864* PC **A02**/MF **A01**

**LA-UR-85-1283**
Passive Retrofits for Navy Housing.
DE85010706 **19**-*543,314* PC **A02**/MF **A01**

**LA-UR-85-1284**
Latest Results from the Seismic Category I Structures Program.
DE85010705 **24**-*556,477* PC **A02**/MF **A01**

**LA-UR-85-1285**
Investigation of Steel Containment Buckling from Dynamic Loads.
DE85010704 **22**-*551,137* PC **A02**/MF **A01**

**LA-UR-85-1288**
E-Beam-Induced Fluorescence of Excimers in Cryogenic Solutions.
DE85010703 **18**-*541,702* PC **A02**/MF **A01**

**LA-UR-85-1293**
Methods of Monte Carlo Electron Transport in Particle-in-Cell Codes.
DE85010702 **19**-*544,140* PC **A02**/MF **A01**

**LA-UR-85-1299**
Improvements in the Energy Resolution and High-Count-Rate Performance of Bismuth Germanate.
DE85010763 **18**-*541,496* PC **A02**/MF **A01**

**LA-UR-85-1302**
Magnetospheric Response to Solar Wind Variations.
DE85010762 **19**-*542,227* PC **A02**/MF **A01**

**LA-UR-85-1303**
Solar Wind-Magnetosphere Energy Input Functions.
DE85010761 **18**-*539,766* PC **A02**/MF **A01**

**LA-UR-85-1305**
Linear Filters as a Method of Real-Time Prediction of Geomagnetic Activity.
DE85010760 **19**-*542,226* PC **A02**/MF **A01**

**LA-UR-85-1312**
Expanding Expertise by Use of an Expert System.
DE85010759 **18**-*540,606* PC **A02**/MF **A01**

**LA-UR-85-1314**
Time-Implicit Monte-Carlo Collision Algorithm for Particle-in-Cell Electron Transport Models.
DE85010758 **18**-*541,824* PC **A02**/MF **A01**

**LA-UR-85-1315**
Hybrid Two-Dimensional Monte-Carlo Electron Transport in Self-Consistent Electromagnetic Fields.
DE85010757 **18**-*541,475* PC **A02**/MF **A01**

**LA-UR-85-1317**
Monte Carlo Sampling Strategies for Lattice Gauge Calculations.
DE85010756 **18**-*541,840* PC **A02**/MF **A01**

**LA-UR-85-1320**
Monte-Carlo Treatment of Nonlinear Collisional Effects in Charged-Particle Transport.
DE85010755 **18**-*541,823* PC **A02**/MF **A01**

**LA-UR-85-1328**
Circular-Beam Ray Tracing on a Microcomputer.
DE85010754 **18**-*541,725* PC **A02**/MF **A01**

**LA-UR-85-1332**
3LAMBDA/4 Post Coupler for Drift-Tube Linacs.
DE85010753 **19**-*544,106* PC **A02**/MF **A01**

**LA-UR-85-1334**
Case for Integral Core-Disruptive Accident Analysis.
DE85010752 **18**-*541,600* PC **A02**/MF **A01**

**LA-UR-85-1336**
Permanent-Magnet Quadrupoles in an RFQ Linacs.
DE85011283 **22**-*551,340* PC **A02**/MF **A01**

**LA-UR-85-1341**
Review of the SIMMER-II Analyses of Liquid-Metal-Cooled Fast Breeder Reactor Core-Disruptive Accident Fuel Escape.
DE85010803 **18**-*541,602* PC **A02**/MF **A01**

**LA-UR-85-1345**
Effects of CP Violation in SU(2)/sub L/ X SU(2)/sub R/ X U(1) Electroweak Models.
DE85010801 **19**-*544,143* PC **A02**/MF **A01**

**LA-UR-85-1347**
Monte Carlo Electron/Photon Transport.
DE85010799 **18**-*541,761* PC **A02**/MF **A01**

**LA-UR-85-1352**
Particle-in-Cell Simulations of the Lasertron.
DE85012698 **20**-*546,544* PC **A02**

**LA-UR-85-1368**
Response of Steam-Water Mixtures to Pressure Transients.
DE85010798 **18**-*541,601* PC **A02**/MF **A01**

**LA-UR-85-1373**
Los Alamos Experiments and Their Impacts on Fast Reactor Safety.
DE85010797 **19**-*543,929* PC **A02**/MF **A01**

**LA-UR-85-1374**
SIMMER-II Analysis of Transition-Phase Experiments.
DE85010782 **20**-*546,344* PC **A02**/MF **A01**

**LA-UR-85-1375**
Quark Structure of Nuclei.
DE85010781 **19**-*544,142* PC **A02**/MF **A01**

**LA-UR-85-1380**
Design Status of Heavy Ion Injector Program.
DE85010751 **19**-*544,105* PC **A02**/MF **A01**

**LA-UR-85-1390**
Sensitivity and Performance Characterization of DINGU.
DE85010750 **20**-*546,469* PC **A02**/MF **A01**

**LA-UR-85-1391**
Speedup Predictions on Large Scientific Parallel Programs.
DE85010749 **22**-*550,215* PC **A02**/MF **A01**

**LA-UR-85-1396**
Los Alamos Spheromak Program.
DE85010748 **19**-*543,797* PC **A02**/MF **A01**

**LA-UR-85-1398**
Rapid Analysis of Steels Using Laser-Based Techniques.
DE85010747 **19**-*543,215* PC **A02**/MF **A01**

**LA-UR-85-1401**
Proposed Use of the Radio-Frequency Quadrupole Structure to Funnel High-Current Ion Beams.
DE85010746 **18**-*541,724* PC **A02**/MF **A01**

**LA-UR-85-1402**
Longitudinal Tune Control in Synchrotrons.
DE85010745 **18**-*541,723* PC **A02**/MF **A01**

**LA-UR-85-1403**
Slow Extraction at LAMPF II.
DE85010744 **18**-*541,722* PC **A02**/MF **A01**

**LA-UR-85-1413**
Emittance Growth Caused by Current Variation in a Beam-Transport Channel.
DE85010743 **18**-*541,721* PC **A02**/MF **A01**

**LA-UR-85-1418**
Production of Gallium Atoms by Excimer Laser Photolysis of Trimethyl Gallium.
DE85010742 **18**-*540,334* PC **A02**/MF **A01**

**LA-UR-85-1420**
Numerical Studies of Ablation and Ionization of Railgun Materials.
DE85010741 **18**-*541,326* PC **A02**/MF **A01**

**LA-UR-85-1429**
Possibilities for Studying Short-Lived Nuclei Produced at LAMPF.
DE85010740 **18**-*541,720* PC **A02**/MF **A01**

**LA-UR-85-1436**
Measurement of Uranium Enrichment for Gaseous Uranium at Low Pressure.
DE85012697 **21**-*548,842* PC **A02**/MF **A01**

**LA-UR-85-1439**
Nuclear Structure Problems in Double beta Decay.
DE85010739 **18**-*541,760* PC **A02**/MF **A01**

**LA-UR-85-1448**
Design of Aerosols for a Desired Screening Effectiveness.
DE85012696 **23**-*553,648* PC **A02**/MF **A01**

**LA-UR-85-1450**
Polarization Transfer in Inelastic Scattering and Pionic Models of the EMC Effect.
DE85010738 **22**-*551,511* PC **A02**/MF **A01**

**LA-UR-85-1452**
Excitation of Some Alkaline Earth-Like Ions.
DE85010737 **18**-*540,333* PC **A02**/MF **A01**

**LA-UR-85-1460**
Recent Results of the Los Alamos Free-Electron Laser Oscillator Experiment.
DE85010736 **18**-*541,691* PC **A02**/MF **A01**

**LA-UR-85-1465**
Control of Trace Element Releases from High-Sulfur Preparation Wastes: Technology and Costs.
DE85010735 **25**-*558,081* PC **A03**/MF **A01**

**LA-UR-85-1466**
Ash Contents of Costa Rican Peat Deposits.
DE85010734 **18**-*540,332* PC **A02**/MF **A01**

**LA-UR-85-1467**
Exact Invariants in Resonance Form for Time-Dependent Potentials.
DE85010733 **18**-*541,839* PC **A02**/MF **A01**

**LA-UR-85-1471**
Plutonium Metal Preparation and Purification at Los Alamos, 1984.
DE85010732 **18**-*540,849* PC **A03**/MF **A01**

**LA-UR-85-1476**
Observations on sup 3 He Neutron Spectrometry.
DE85010731 **20**-*546,123* PC **A02**/MF **A01**

**LA-UR-85-1477**
Bismuth Germanate Scintillators: Applications in Nuclear Safeguards and Health Physics.
DE85010730 **18**-*541,495* PC **A02**/MF **A01**

**LA-UR-85-1489**
Mechanical Considerations in CW Linacs.
DE85010728 **18**-*541,474* PC **A02**/MF **A01**

**LA-UR-85-1490**
Electron Trajectories in a Combined Wiggler and Alternating Gradient Quadrupole Field.
DE85010727 **19**-*544,104* PC **A02**/MF **A01**

**LA-UR-85-1508**
Performance of an RF Beam Monitor on the NBS-Los Alamos Racetrack Microtron.
DE85010725 **18**-*541,719* PC **A02**/MF **A01**

**LA-UR-85-1512**
Discussion Session: Nucleon- and Antinucleon-Nucleus Inelastic Scattering and Charge Exchange.
DE85010723 **18**-*541,759* PC **A02**/MF **A01**

**LA-UR-85-1515**
Accelerator Column Models for Low-Current Beams.
DE85010722 **18**-*541,718* PC **A02**/MF **A01**

**LA-UR-85-1516**
Fiber Optics in Transient Radiation Fields.
DE85010721 **18**-*541,703* PC **A02**/MF **A01**

**LA-UR-85-1518**
Acceleration Simulation in the LAMPF II Booster.
DE85012695 **24**-*556,690* PC **A02**/MF **A01**

**LA-UR-85-1525**
Biologic Response to Complex Blast Waves.
DE85012694 **24**-*555,249* PC **A02**/MF **A01**

**LA-UR-85-1526**
Rf Program for LAMPF II.
DE85012693 **21**-*549,091* PC **A02**/MF **A01**

**LA-UR-85-1527**
Development of a Current Monitor System for Measuring Pulsed-Beam Current over a Wide Dynamic Range.
DE85012692 **22**-*551,399* PC **A02**/MF **A01**

**LA-UR-85-1528**
Measurement and Resulting First and Second Order Approximations for a 9 Degree Bending Magnet in LAMPF'S 750-KeV Transport.
DE85012691 **22**-*551,398* PC **A02**/MF **A01**

**LA-UR-85-1535**
Heat Pipe Material Compatibility Concerns for a Remote Reactor.
DE85012690 **22**-*551,215* PC **A02**/MF **A01**

**LA-UR-85-1545**
Cosmogenic Neutron-Capture-Produced Nuclides in Stony Meteorites.
DE85012689 **24**-*554,648* PC **A04**/MF **A01**

**LA-UR-85-1546**
LAMPF Transition-Region Mechanical Fabrication.
DE85012688 **22**-*551,397* PC **A02**/MF **A01**

**LA-UR-85-1550**
4X Source.
DE85012686 **22**-*551,396* PC **A02**/MF **A01**

**LA-UR-85-1557**
Better Potential for Quarks.
DE85012685 **22**-*551,540* PC **A02**/MF **A01**

**LA-UR-85-1559**
Spectroscopic Measurements of an H exp - Ion Source Discharge.
DE85012684 **22**-*551,395* PC **A02**/MF **A01**

**LA-UR-85-1576**
Slow Extraction at the SSC.
DE85012597 **22**-*551,376* PC **A02**/MF **A01**

**LA-UR-85-1582**
Benchmark Assemblies of the Los Alamos Critical Assemblies Facility.
DE85012683 **23**-*554,068* PC **A02**/MF **A01**

**LA-UR-85-1584**
Ion Source Development for the Los Alamos Heavy Ion Fusion Injector.
DE85012682 **21**-*549,090* PC **A02**/MF **A01**

**LA-UR-85-1585**
Beginnings of Remote Handling at the RAL Spallation Neutron Source.
DE85012681 **22**-*551,394* PC **A02**/MF **A01**

**LA-UR-85-1586**
Analytic Evaluation of LAMPF II Booster Cavity Design.
DE85012680 **22**-*551,393* PC **A02**/MF **A01**

**LA-UR-85-1587**
Rf Power System for the Chopper/Buncher System on the NBS-Los Alamos RTM.
DE85012679 **22**-*551,392* PC **A02**/MF **A01**

**LA-UR-85-1588**
Self-Consistent Klystron Simulations.
DE85012678 **22**-*550,177* PC **A02**/MF **A01**

**LA-UR-85-1596**
Generalization of the Child-Langmuir Relation for One-Dimensional Time-Dependent Diodes.
DE85012677 **22**-*551,391* PC **A02**/MF **A01**

**LA-UR-85-1597**
Materials Considerations for a High Power-Density Accelerator.
DE85012676 **22**-*551,390* PC **A02**/MF **A01**

**LA-UR-85-1598**
Reconstruction of Longitudinal Beam Profiles from Nondestructive Electromagnetic Probes.
DE85012675 **22**-*551,389* PC **A02**/MF **A01**

**LA-UR-85-1602**
Gamma-Ray Line Intensities for Depleted Uranium.
DE85012674 **21**-*548,841* PC **A02**/MF **A01**

**LA-UR-85-1603**
High-Brightness Photoemitter Injector for Electron Accelerators.
DE85012673 **22**-*551,309* PC **A02**/MF **A01**

**LA-UR-85-1604**
Cw RF Operation of the FMIT RFQ.
DE85012413 **22**-*551,368* PC **A02**/MF **A01**

**LA-UR-85-1605**
High-Power, Solid-State RF Source for Accelerator Cavities.
DE85012672 **21**-*549,089* PC **A02**/MF **A01**

**LA-UR-85-1606**
Beam Potential Measurement of an Intense H exp - Beam by Use of the Emissive Probe Technique.
DE85012671 **21**-*549,115* PC **A02**/MF **A01**

**LA-UR-85-1607**
Use of a Minimum-Ellipse Criterion in the Study of Ion-Beam Extraction Systems.
DE85012670 **22**-*551,388* PC **A02**/MF **A01**

**LA-UR-85-1608**
Racetrack Microtron RF System.
DE85012669 **22**-*551,387* PC **A02**/MF **A01**

**LA-UR-85-1609**
FMIT Diagnostic Instrumentation.
DE85012668 **22**-*551,386* PC **A02**/MF **A01**

**LA-UR-85-1610**
Cw Operation of the FMIT RFQ Accelerator.
DE85012667 **21**-*549,088* PC **A02**/MF **A01**

**LA-UR-85-1611**
Los Alamos Free-Electron Laser.
DE85012666 **22**-*551,308* PC **A02**/MF **A01**

**LA-UR-85-1612**
RFQ Modeling Computer Program.
DE85012665 **22**-*551,385* PC **A02**/MF **A01**

**LA-UR-85-1613**
Los Alamos High-Current Proton Storage Ring: A Status Report.
DE85012664 **22**-*551,384* PC **A02**/MF **A01**

**LA-UR-85-1614**
Los Alamos Proton Storage Ring Fast-Extraction Kicker System.
DE85012663 **22**-*551,383* PC **A02**/MF **A01**

**LA-UR-85-1615**
Noninterceptive Techniques for the Measurement of Longitudinal Parameters for Intense H exp - Beams.
DE85012662 **21**-*549,087* PC **A02**/MF **A01**

**LA-UR-85-1616**
Treatment Planning with Ion Beams.
DE85012661 **21**-*547,692* PC **A02**/MF **A01**

**LA-UR-85-1617**
Beam-Cavity Interaction Measurements in a DAW Structure.
DE85012660 **21**-*549,086* PC **A02**/MF **A01**

**LA-UR-85-1618**
Revision of and Documentation for the Standard Version of the Poisson-Group Codes.
DE85012659 **22**-*551,382* PC **A02**/MF **A01**

**LA-UR-85-1619**
High-Power RF Controls for the NBS-Los Alamos Racetrack Microtron.
DE85012658 **21**-*549,085* PC **A02**/MF **A01**

**LA-UR-85-1620**
Ferrite Kicker Magnet for the LAMPF Switchyard Upgrade.
DE85012657 **21**-*549,084* PC **A02**/MF **A01**

**LA-UR-85-1621**
Electron Emission of over 200 A/cm exp 2 from a Pulsed-Laser Irradiated Photocathode.
DE85012656 **22**-*551,381* PC **A02**/MF **A01**

**LA-UR-85-1622**
Relation Between Field Energy and RMS Emittance in Intense Particle Beams.
DE85012655 **22**-*551,380* PC **A02**/MF **A01**

**LA-UR-85-1623**
Scaling Laws for RFQ Design Procedures.
DE85012654 **22**-*551,379* PC **A02**/MF **A01**

**LA-UR-85-1624**
Optimizing Data Access in the LAMPF Control System.
DE85012653 **22**-*551,378* PC **A02**/MF **A01**

**LA-UR-85-1625**
Funneling: An Initial Beam Dynamics Study.
DE85012652 **22**-*551,377* PC **A02**/MF **A01**

**LA-UR-85-1626**
High-Brightness, High-Current Ion Sources.
DE85015690 **25**-*559,468* PC **A02**/MF **A01**

**LA-UR-85-1627**
Scheme to Funnel Ion BEAMS with a Radio-Frequency Quadrupole.
DE85015689 **26**-*561,733* PC **A02**/MF **A01**

**LA-UR-85-1629**
Introduction to the Session on: Numerical Methods for Two-Phase Flow.
DE85012651 **22**-*551,287* PC **A02**/MF **A01**

**LA-UR-85-1630**
Attractors for the Kuramoto-Sivashinsky Equations.
DE85012650 **22**-*551,286* PC **A02**/MF **A01**

**LA-UR-85-1637**
Current Technology and Recent Innovative Methods in Drilled Shaft Construction.
DE85012649 **25**-*558,082* PC **A02**/MF **A01**

**LA-UR-85-1640**
Proposed Bunching Scheme for a Polarized H exp - Injector.
DE85012648 **21**-*549,083* PC **A02**/MF **A01**

**LA-UR-85-1642**
Cosmic Rays, Supernova, and the Origin of Ultrahigh Energy Particles.
DE85012712 **22**-*549,370* PC **A03**/MF **A01**

**LA-UR-85-1648**
Superconductivity in the W-Tc and W sub 2 C-Tc Systems.
DE85012711 **22**-*551,772* PC **A02**/MF **A01**

**LA-UR-85-1649**
Integrated Nondestructive Assay System for a New Plutonium Scrap Recovery Facility.
DE85012710 **23**-*553,908* PC **A02**/MF **A01**

**LA-UR-85-1651**
Wide Dynamic Range Beam Profile Monitor.
DE85012709 **22**-*551,403* PC **A02**/MF **A01**

**LA-UR-85-1652**
Time-Resolved Current, Current-Density, and Emittance Measurements of the PHERMEX Electron Beam.
DE85012708 **22**-*551,402* PC **A02**/MF **A01**

**LA-UR-85-1653**
Collective Ion Acceleration by Means of Virtual Cathodes.
DE85012707 **22**-*551,401* PC **A02**/MF **A01**

**LA-UR-85-1654**
Considerations on Collective Ion Acceleration as an Intense Ion Injector.
DE85012706 **21**-*549,092* PC **A02**/MF **A01**

**LA-UR-85-1659**
Comparisons of Four Representations of the Prompt Neutron Spectrum for the Spontaneous Fission of sup 252 Cf.
DE85012703 **22**-*551,543* PC **A02**/MF **A01**

**LA-UR-85-1667**
Information System for IAEA (International Atomic Energy Agency) Inspectors at a Centrifuge Enrichment Plant.
DE85012702 **23**-*552,098* PC **A02**/MF **A01**

**LA-UR-85-1668**
Study of LAMPF H exp - Beam Position Motion and a Predictive Algorithm for Noise Reduction.
DE85012701 **22**-*551,400* PC **A02**/MF **A01**

**LA-UR-85-1673**
Delayed Neutron Spectra and Intensities from Evaluated Precursor Data.
DE85012700 **22**-*551,542* PC **A02**/MF **A01**

**LA-UR-85-1674**
Status of Fast Neutron Nuclear Data for sup 239 Pu.
DE85012699 **22**-*551,541* PC **A02**/MF **A01**

**LA-UR-85-1675**
Los Alamos National Laboratory Neutron-Neutron Scattering Program.
DE85012721 **22**-*551,545* PC **A02**/MF **A01**

**LA-UR-85-1677**
Hydrogen Fusion-Energy Reactions.
DE85012720 **22**-*551,544* PC **A02**/MF **A01**

**LA-UR-85-1681**
New 750 KeV H exp - Beam Transport Line for LAMPF.
DE85012719 **22**-*551,404* PC **A02**/MF **A01**

**LA-UR-85-1682**
Transverse Emittance of a 2.0-MeV RFQ Beam with High Brightness.
DE85012718 **21**-*549,093* PC **A02**/MF **A01**

**LA-UR-85-1683**
Feasibility Study of Plutonium Isotopic Analysis of Resin Beads by Nondestructive gamma-Ray Spectroscopy.
DE85012717 **23**-*553,821* PC **A02**/MF **A01**

**LA-UR-85-1684**
Simple Self-Multiplication Correction for in-Plant Use.
DE85012716 **21**-*548,843* PC **A02**/MF **A01**

**LA-UR-85-1685**
Simulated Physical Inventory Verification Exercise at a Mixed-Oxide Fuel Fabrication Facility.
DE85012715 **21**-*548,977* PC **A02**/MF **A01**

**LA-UR-85-1705**
Effect of Pulsed-Column-Inventory Uncertainty on Dynamic Materials Accounting.
DE85012714 **21**-*548,976* PC **A02**/MF **A01**

**LA-UR-85-1706**
Review of the Los Alamos FRX-C Experiment.
DE85012713 **22**-*550,971* PC **A04**/MF **A01**

**LA-UR-85-1707**
Dynamic Data Structures and Concurrency in a Real-Time Data Acquisition System.
DE85012733 **22**-*550,220* PC **A02**/MF **A01**

**LA-UR-85-1708**
Development Methodology for Scientific Software.
DE85012732 **22**-*550,219* PC **A02**/MF **A01**

**LA-UR-85-1723**
Cw RFQ Development.
DE85015688 **25**-*559,467* PC **A02**/MF **A01**

**LA-UR-85-1725**
Maximum Entropy Beam Diagnostic Tomography.
DE85012731 **22**-*551,406* PC **A02**/MF **A01**

**LA-UR-85-1728**
KIVA Computer Program for Multidimensional Chemically Reactive Fluid Flows with Fuel Sprays.
DE85012730 **21**-*549,202* PC **A02**/MF **A01**

**LA-UR-85-1729**
Application of Detailed Fission-Product Decay gamma Spectra in the Calculation of Photoneutron Spectra from D( gamma ,n) Reactions in PWR Fuel.
DE85012729 **22**-*551,207* PC **A02**/MF **A01**

**LA-UR-85-1730**
Application of Evaluated Fission-Product Delayed-Neutron Precursor Data in Reactor Kinetics Calculations.
DE85012728 **20**-*546,453* PC **A02**/MF **A01**

**LA-UR-85-1731**
Effect of Fission Dynamics on the Spectra and Multiplicities of Prompt Fission Neutrons.
DE85012727 **22**-*551,546* PC **A02**/MF **A01**

**LA-UR-85-1733**
32-Bit Computer for Large Memory Applications on FASTBUS.
DE85012726 **22**-*550,218* PC **A02**/MF **A01**

**LA-UR-85-1735**
Recent Advances in Remote Handling at LAMPF.
DE85012725 **21**-*549,096* PC **A02**/MF **A01**

**LA-UR-85-1736**
Major Facility Overhauls at LAMPF.
DE85012724 **21**-*549,095* PC **A02**/MF **A01**

**LA-UR-85-1737**
Beam Line Windows at LAMPF.
DE85012723 **21**-*549,094* PC **A02**/MF **A01**

**LA-UR-85-1738**
Muon Beam Polarization at the LAMPF Biochemical Channel.
DE85012722 **22**-*551,405* PC **A02**/MF **A01**

**LA-UR-85-1742**
Cosmic-Ray-Produced gamma Rays in Planetary Surfaces.
DE85012750 **22**-*549,371* PC **A02**/MF **A01**

**LA-UR-85-1743**
Double Differential Neutron Emission Cross Sections of sup 10 B and sup 11 B at 6, 10 and 14 MeV and of sup 6 Li, sup 7 Li and sup 12 C at 14 MeV.
DE85012749 **24**-*556,789* PC **A02**/MF **A01**

**LA-UR-85-1756**
Configuration for the WNR Data Acquisition System for Neutron Measurements.
DE85012748 **24**-*556,788* PC **A02**/MF **A01**

**LA-UR-85-1757**
Data Acquisition Command Interface Using VAX/VMS DCL.
DE85012747 **22**-*550,222* PC **A02**/MF **A01**

**LA-UR-85-1777**
Isovector Resonances in Pion Charge Exchange.
DE85012746 **22**-*551,547* PC **A02**/MF **A01**

**LA-UR-85-1788**
Recent FRC Translation Experiments on FRX-C/T.
DE85012745 **22**-*551,669* PC **A02**/MF **A01**

**LA-UR-85-1789**
Increased Particle Confinement with the Use of External DC Bias Field in the CTX Spheromak.
DE85012744 **21**-*548,823* PC **A02**/MF **A01**

**LA-UR-85-1790**
Recent Helicity Source and Power Supply Improvements in CTX.
DE85012741 **22**-*550,976* PC **A02**/MF **A01**

**LA-UR-85-1791**
Local Drift Parameter, j/n/sub e/ and Resistivity Anomaly Measurements in CTX Spheromaks.

DE85012740 **22**-*551,668* PC **A02**/MF **A01**

**LA-UR-85-1792**
Determination of CTX Equilibria.
DE85012739 **22**-*550,975* PC **A02**/MF **A01**

**LA-UR-85-1793**
FRC Translation into a Compression Coil.
DE85012738 **22**-*550,974* PC **A02**/MF **A01**

**LA-UR-85-1804**
Improving Systems Documentation Using an Online Copy Editor.
DE85012737 **22**-*550,221* PC **A02**/MF **A01**

**LA-UR-85-1817**
Using an LSI-11/23 and RT-11 to Digitize Analog Tapes.
DE85012736 **21**-*547,960* PC **A02**/MF **A01**

**LA-UR-85-1818**
Energy Efficiency of the CTX Magnetized Coaxial Plasma Source.
DE85012735 **22**-*550,973* PC **A02**/MF **A01**

**LA-UR-85-1819**
Operation of the M = 1 Helicity Source.
DE85012734 **22**-*550,972* PC **A02**/MF **A01**

**LA-UR-85-1820**
Introduction to the M = 1 Helicity Source.
DE85012771 **22**-*550,982* PC **A02**/MF **A01**

**LA-UR-85-1821**
Generalized Helicity and Its Time Derivative.
DE85012770 **22**-*550,981* PC **A02**/MF **A01**

**LA-UR-85-1822**
Los Alamos Spheromak Program.
DE85012769 **22**-*550,980* PC **A02**/MF **A01**

**LA-UR-85-1828**
Kinetics Analysis of Diffusion of Point Defects to Dislocations Following Pulsed Neutron and Electron Irradiations.
DE85012768 **22**-*550,435* PC **A02**/MF **A01**

**LA-UR-85-1829**
Initial Increase, "Peaking Effect", in the Internal Friction of Copper Following Pulsed Neutron and Electron Irradiation.
DE85012767 **22**-*550,434* PC **A02**/MF **A01**

**LA-UR-85-1831**
Proposed FRX-D Experiment.
DE85012766 **22**-*550,979* PC **A02**/MF **A01**

**LA-UR-85-1834**
FRC Formation Studies with Z-Discharge Ionization on FRX-C.
DE85012765 **22**-*550,978* PC **A02**/MF **A01**

**LA-UR-85-1837**
Equilibrium of the Kink Source Experiment.
DE85012764 **22**-*550,977* PC **A02**/MF **A01**

**LA-UR-85-1870**
Low Power Reactor for Remote Applications.
DE85012763 **24**-*556,543* PC **A02**/MF **A01**

**LA-UR-85-1891**
Parallel, Staged Opening Switch Power Conditioning Techniques for Flux Compression Generator Applications.
DE85012761 **22**-*550,340* PC **A03**/MF **A01**

**LA-UR-85-1892**
Calculation of RF Fields in Axisymmetric Cavities.
DE85014135 **22**-*551,472* PC **A02**/MF **A01**

**LA-UR-85-1921**
Cosmogenic-Nuclide Production by Primary Cosmic-Ray Protons.
DE85012760 **22**-*549,372* PC **A02**/MF **A01**

**LA-UR-85-1922**
Cosmic-Ray Exposure Records and Origins of Meteorites.
DE85012759 **25**-*557,276* PC **A02**/MF **A01**

**LA-UR-85-1923**
Direct Mass Measurements in the Light Neutron-Rich Region Using a Combined Energy and Time-of-Flight Technique.
DE85012758 **22**-*551,549* PC **A02**/MF **A01**

**LA-UR-85-1933**
Framework for Generating Expert Systems to Perform Computer Security Risk Analysis.
DE85014134 **24**-*555,530* PC **A02**/MF **A01**

**LA-UR-85-1935**
Oxidation of Heterocyclic Nitrogen Yields to Nitroheterocycles.
DE85012757 **23**-*552,456* PC **A02**/MF **A01**

**LA-UR-85-1936**
Multi-Megampere Current Interruption from Explosive Deformation of Conductors.
DE85012756 **21**-*547,898* PC **A02**/MF **A01**

**LA-UR-85-1939**
Multi-Megampere Operation of Plasma Compression Opening Switches in Planar Geometry.
DE85012755 **21**-*547,897* PC **A02**/MF **A01**

**LA-UR-85-1952**
New Meson-Nucleus Dynamics from Studies of ( Pi ,eta) and ( Pi ,2 pi ) Reactions.
DE85012753 **24**-*556,790* PC **A02**

**LA-UR-85-1957**
Application of Time-Dependent Raman Theory to the Analysis of Inorganic Photosystems.
DE85012752 **23**-*552,509* PC **A02**/MF **A01**

**LA-UR-85-1961**
R-Matrix Analysis of the sup 7 Li System with Peripheral Channel Overlap Exchange Effects.
DE85012751 **22**-*551,548* PC **A02**/MF **A01**

**LA-UR-85-1979**
Preparation, Analysis, and Release of Simulated Interplanetary Grains into Low Earth Orbit.
DE85014133 **24**-*554,644* PC **A02**/MF **A01**

**LA-UR-85-1989**
Mars Base Buildup Scenarios.
DE85014132 **24**-*554,643* PC **A02**/MF **A01**

**LA-UR-85-1990**
Use of Chemical Explosives for Emergency Solar Flare Shelter Construction and Other Excavations on the Martian Surface.
DE85014131 **24**-*556,100* PC **A02**/MF **A01**

**LA-UR-85-1993**
Tests of an Explosive-Driven Coaxial Generator.
DE85014130 **25**-*558,328* PC **A02**/MF **A01**

**LA-UR-85-1994**
System Expectations for Pioneer I Foil Implosion Experiments.
DE85014129 **24**-*556,247* PC **A02**/MF **A01**

**LA-UR-85-1999**
Comparison of Four Methods of Interferogram Reduction and Interpretation.
DE85014127 **24**-*556,677* PC **A02**/MF **A01**

**LA-UR-85-2001**
Analysis of a Pulsed Power System Containing Rotating Machine.
DE85014128 **24**-*556,246* PC **A02**/MF **A01**

**LA-UR-85-2005**
X-Ray Observations of gamma-Ray Bursts.
DE85014126 **24**-*554,650* PC **A02**/MF **A01**

**LA-UR-85-2014**
Photoconductive Pulse Power Switches: A Review.
DE85014125 **24**-*555,470* PC **A03**/MF **A01**

**LA-UR-85-2021**
Foil Fuses as Opening Switches for Slow Discharge Circuits.
DE85014124 **24**-*555,589* PC **A02**/MF **A01**

**LA-UR-85-2022**
Railgun Power Supply System Utilizing Traction Motors and Vacuum Interrupters.
DE85014123 **24**-*555,659* PC **A02**/MF **A01**

**LA-UR-85-2035**
Attempt to Develop an "Intelligent" Lens Design Program.
DE85014122 **24**-*556,676* PC **A02**/MF **A01**

**LA-UR-85-2040**
Recent Results of an Internal Tilt Mode Calculation in FRCs.
DE85014121 **24**-*556,905* PC **A02**/MF **A01**

**LA-UR-85-2042**
Diagnostics for Pioneer I Imploding Plasma Experiments.
DE85014120 **24**-*556,245* PC **A02**/MF **A01**

**LA-UR-85-2047**
Polarization Transfer in Inelastic Scattering and Pionic Models of the EMC Effect.
DE85014119 **24**-*556,814* PC **A02**/MF **A01**

**LA-UR-85-2055**
Statics and Adiabatic Dynamics of Nonlinear Excitations in Defected Polyacetylene.
DE85014118 **24**-*555,308* PC **A02**/MF **A01**

**LA-UR-85-2057**
10-MHz High-Voltage Modulator with Pulse-Width and Repetition-Rate Agility.
DE85014117 **24**-*556,700* PC **A02**/MF **A01**

**LA-UR-85-2062**
Nearly Ideal Lens Optimization Procedure.
DE85014116 **24**-*556,675* PC **A02**/MF **A01**

**LA-UR-85-2070**
Los Alamos Constant-Q Spectrometer.
DE85014115 **24**-*556,297* PC **A02**/MF **A01**

**LA-UR-85-2073**
Heating and Generation of Suprathermal Particles at Collisionless Shocks.
DE85014114 **22**-*549,412* PC **A03**/MF **A01**

**LA-UR-85-2075**
High Nuclear Temperatures by Antimatter-Matter Annihilation.
DE85014113 **24**-*556,813* PC **A02**/MF **A01**

**LA-UR-85-2077**
Design and Performance of Large Area Monolithic Electron Guns for the Aurora KrF Laser System.
DE85014112 **26**-*561,359* PC **A02**/MF **A01**

**LA-UR-85-2078**
Design of Foil Implosion System for Pioneer I Experiments.
DE85014111 **22**-*551,037* PC **A02**/MF **A01**

**LA-UR-85-2081**
Review of Kaon Factory Proposals.
DE85014110 **24**-*556,699* PC **A02**/MF **A01**

**LA-UR-85-2085**
Bond Alternation in the Infinite Polyene: Effect of Long Range Coulomb Interactions.
DE85014109 **22**-*550,007* PC **A02**/MF **A01**

**LA-UR-85-2089**
Underground Science Initiatives at Los Alamos.
DE85014108 **22**-*549,378* PC **A02**/MF **A01**

**LA-UR-85-2092**
Magnetic Reconnection in the Terrestrial Magnetosphere.
DE85014107 **24**-*554,672* PC **A02**/MF **A01**

**LA-UR-85-2093**
Computation of Low Density, Supersonic Flow over a Pitot Tube.
DE85014105 **24**-*556,646* PC **A02**/MF **A01**

**LA-UR-85-2106**
Muon Spin Relaxation Study of Exchange Coupling in Dilute AgMn Alloys.
DE85014104 **24**-*557,021* PC **A02**/MF **A01**

**LA-UR-85-2119**
Nuclear Interlevel Transfer Driven by Electronic Transitions.
DE85014103 **24**-*556,812* PC **A02**/MF **A01**

**LA-UR-85-2140**
Magnetic Properties and Electronic Structure of the Actinide Systems UAl sub 2 , NpAl sub 2 , and PuAl sub 2.
DE85014102 **24**-*557,020* PC **A02**/MF **A01**

**LA-UR-85-2142**
Surface Impedance of Several Magnetic Superconductors.
DE85014101 **24**-*557,019* PC **A02**/MF **A01**

**LA-UR-85-2157**
Study of Possible Solarization - Related Impurities in CaF sub 2 and Other Fluorides.
DE85014100 **24**-*556,674* PC **A02**/MF **A01**

**LA-UR-85-2159**
Evaluation of Anvil Points Tests.
DE85014099 **23**-*554,447* PC **A02**/MF **A01**

**LA-UR-85-2161**
Proton Polarimeters for Spin Transfer Experiments.
DE85014098 **26**-*561,783* PC **A02**/MF **A01**

**LA-UR-85-2171**
Three-Dimensional Gravity Ideal Body Studies in Rough Terrain.
DE85014097 **24**-*555,369* PC **A02**/MF **A01**

**LA-UR-85-2172**
Superconducting Magnetic Energy Storage Scaled Prototype for the Los Alamos Utility.
DE85014096 **24**-*555,686* PC **A02**/MF **A01**

**LA-UR-85-2174**
Field-Reversed Configuration Formation, Translation, and Confinement Studies on the FRX-C/T Experiment.
DE85014095 **24**-*556,244* PC **A02**/MF **A01**

**LA-UR-85-2175**
Copper-Binding Protein in Mimulus Guttatus.
DE85014094 **25**-*557,606* PC **A02**/MF **A01**

**LA-UR-85-2177**
Strategic Defense Initiatives at Los Alamos National Laboratory.
DE85014093 **22**-*551,313* PC **A02**/MF **A01**

**LA-UR-85-2182**
Activated Recombinative Desorption: A Potential Component in Mechanisms of Spacecraft Glow.
DE85014092 **24**-*555,307* PC **A02**/MF **A01**

**LA-UR-85-2189**
Low Emittance Growth Funneling Line: Preliminary Design and Beam Dynamics Study.
DE85015687 **25**-*559,466* PC **A02**/MF **A01**

**LA-UR-85-2190**
Sound Velocities in Liquid Lead at High Temperatures.
DE85014091 **24**-*555,750* PC **A02**/MF **A01**

**LA-UR-85-2192**
Remote Recovery of Irradiated Tensile Samples Incapsulated in Pb-Bi.
DE85014090 **24**-*556,698* PC **A02**/MF **A01**

**LA-UR-85-2193**
Los Alamos Upgrade in Metallographic Capabilities.
DE85014089 **24**-*556,523* PC **A02**/MF **A01**

**LA-UR-85-2194**
Innovations in Los Alamos alpha Box Design.
DE85014088 **25**-*559,079* PC **A02**/MF **A01**

**LA-UR-85-2195**
Mixed-Mode Fracture of Ceramics.
DE85014087 **22**-*550,382* PC **A02**/MF **A01**

**LA-UR-85-2213**
Passive Solar Applications.
DE85014085 **24**-*555,898* PC **A02**/MF **A01**

**LA-UR-85-2214**

Mapping the Energy Saving Potential of Passive Heating Combined with Conservation.

DE85014084 **23**-*553,287* PC **A02**/MF **A01**

**LA-UR-85-2215**

Heat Distribution by Natural Convection.

DE85014083 **23**-*553,286* PC **A02**/MF **A01**

**LA-UR-85-2220**

Ground-Based Investigations of Atomic Oxygen Interactions with Space Station Surfaces.

DE85014082 **22**-*550,497* PC **A02**/MF **A01**

**LA-UR-85-2221**

Effective-Cluster Simulation of Polycrystal Plasticity.

DE85014081 **24**-*557,018* PC **A02**/MF **A01**

**LA-UR-85-2225**

Review of Proposed Kaon Factory Facilities.

DE85014080 **24**-*556,697* PC **A03**/MF **A01**

**LA-UR-85-2228**

Local Drift Parameter, J/N/sub E/ and Resistivity Anomaly Measurements in CTX Spheromaks.

DE85014079 **25**-*559,677* PC **A02**/MF **A01**

**LA-UR-85-2248**

Self-Pumping Vapor System for Hybrid Space Heating.

DE85014077 **23**-*553,285* PC **A02**/MF **A01**

**LA-UR-85-2251**

Threshold Stress Measurements in Shock-Deformed Copper.

DE85014076 **24**-*555,749* PC **A02**/MF **A01**

**LA-UR-85-2252**

Recurrent Population II X-Ray Transients - Similarities to SU UMa Cataclysmic Variables.

DE85014075 **25**-*557,277* PC **A02**/MF **A01**

**LA-UR-85-2265**

Preliminary Investigation of Changes in X-Ray Multilayer Optics Subjected to High Radiation Flux.

DE85014074 **24**-*556,133* PC **A02**/MF **A01**

**LA-UR-85-2272**

WNR/PSR Facility: Neutron Physics Capabilities from sub-Thermal to 800 MeV.

DE85014072 **24**-*556,696* PC **A02**/MF **A01**

**LA-UR-85-2273**

Los Alamos Environmental Activities/Oil Shale Effluents.

DE85014071 **24**-*557,112* PC **A02**/MF **A01**

**LA-UR-85-2287**

Comparative Response of Alluvium to Hopkinson Bar and Gas Gun Loading.

DE85014068 **22**-*550,165* PC **A02**/MF **A01**

**LA-UR-85-2292**

Early History of Computer Simulations in Statistical Mechanics.

DE85014067 **25**-*559,720* PC **A03**/MF **A01**

**LA-UR-85-2310**

Pop Plot and Arrhenius Parameters for < 110 > Pentaerythritol Tetranitrate Single Crystals.

DE85015685 **25**-*559,362* PC **A02**/MF **A01**

**LA-UR-85-2311**

Multimaterial Arbitrary Lagrangian Eulerian Code MMALE and Its Application to Some Problems of Penetration and Impact.

DE85015686 **25**-*559,373* PC **A02**/MF **A01**

**LA-UR-85-2327**

Constitutive Relation for 6061T6 Aluminum under Shock Loading Conditions.

DE85015684 **25**-*556,434* PC **A02**/MF **A01**

**LA-UR-85-2329**

Logical and Physical Database Design within a Full-Text Environment.

DE85015683 **26**-*560,129* PC **A02**/MF **A01**

**LA-UR-85-2330**

Coherent Anti-Stokes Raman Scattering in Benzene and Nitromethane Shock-Compressed to 10 GPa.

DE85015682 **26**-*560,473* PC **A02**/MF **A01**

**LA-UR-85-2352**

LAMPF II Capabilities from an Experimenter's Viewpoint.

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**LA-UR-85-2358**

Absorption Spectra of Shocked Liquid CS sub 2.

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**LA-UR-85-2362**

Novel Instrument for High-Pressure Research at Ultra-High Temperatures.

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**LA-UR-85-2368**

Raman Activity in Synchronously Dividing Bacteria.

DE85015672 **26**-*560,385* PC **A02**/MF **A01**

**LA-UR-85-2373**

Guidelines for a Thermochemical Kinetics Computer Program.

DE85015671 **26**-*561,667* PC **A02**/MF **A01**

**LA-UR-85-2375**

Electron Density Distribution Analysis for Some Nitrated Cubanes.

DE85015670 **25**-*557,971* PC **A03**

**LA-UR-85-2380**

Long-Base Free Electron Laser Resonant Cavity.

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**LA-UR-85-2398**

Special Nuclear Material Radiation Monitors for the 1980'S.

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**LA-UR-85-2402**

Status of the Los Alamos Anger Camera.

DE85015666 **25**-*558,971* PC **A02**/MF **A01**

**LA-UR-85-2408**

Sup 36 Cl Measurements of the Unsaturated Zone Flux at Yucca Mountain.

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**LA-UR-85-2409**

Learning Styles and Embedded Training. A Case Study.

DE85015398 **25**-*557,430* PC **A02**

**LA-UR-85-2410**

Spectroscopic Studies of Carbon Disulfide at High Pressure.

DE85015725 **26**-*560,474* PC **A02**/MF **A01**

**LA-UR-85-2412**

Three-Dimensional Modeling of Tsunami Waves.

DE85015724 **26**-*560,569* PC **A02**/MF **A01**

**LA-UR-85-2417**

Safeguards Uses of Confirmatory Measurements.

DE85015722 **26**-*561,379* PC **A02**/MF **A01**

**LA-UR-85-2422**

Neutron Chopper Development at LANSCE (Los Alamos Neutron Scattering Center).

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**LA-UR-85-2440**

Use of Electrical Conductivity Experiments to Study the Phase Diagram of Carbon.

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**LA-UR-85-2442**

Assessment of the Advantages and Feasibility of a Nuclear Rocket.

DE85015717 **25**-*559,966* PC **A02**/MF **A01**

**LA-UR-85-2443**

Anti-Matter Propulsion: Feasibility, Status, and Possible Enhancement.

DE85015716 **26**-*562,052* PC **A02**/MF **A01**

**LA-UR-85-2447**

High Speed Photometry of AN UMa.

DE85015715 **25**-*557,279* PC **A02**/MF **A01**

**LA-UR-85-2454**

Experiments with Non-Darcy Flow in Joints with Large Scale Roughness.

DE85015714 **26**-*560,596* PC **A02**/MF **A01**

**LA-UR-85-2457**

Upper Limits to the Masses of Objects in the Solar Comet Cloud.

DE85015713 **26**-*560,078* PC **A02**/MF **A01**

**LA-UR-85-2458**

Design of the Low-Q Diffractometer at Los Alamos.

DE85015712 **25**-*558,798* PC **A02**/MF **A01**

**LA-UR-85-2459**

Reaction Rates from Electromagnetic Gauge Data.

DE85015711 **25**-*559,364* PC **A02**/MF **A01**

**LA-UR-85-2460**

Detonation Reaction Zone Studies on TATB Explosives.

DE85015710 **25**-*559,363* PC **A02**/MF **A01**

**LA-UR-85-2473**

Computer Simulation of Nonequilibrium Processes.

DE85015708 **25**-*559,823* PC **A02**/MF **A01**

**LA-UR-85-2479**

Three-Dimensional Free Lagrangian Hydrodynamics.

DE85015707 **25**-*559,416* PC **A02**/MF **A01**

**LA-UR-85-2481**

Evaluation of Anelastic Evidence for Interstitial Solute Binding in BCC Metals.

DE85015705 **25**-*558,436* PC **A02**/MF **A01**

**LA-UR-85-2484**

Improved Sample Size Determination for Attributes and Variables Sampling.

DE85015706 **24**-*556,529* PC **A02**

**LA-UR-85-2485**

Measurement of Faraday Rotation in Twisted Optical Fiber Using Rotating Polarization and Analog Phase Detection.

DE85015704 **26**-*561,381* PC **A02**/MF **A01**

**LA-UR-85-2500**

Calculation of the Mutual Diffusion Coefficient by Equilibrium and Nonequilibrium Molecular Dynamics.

DE85015703 **25**-*557,972* PC **A03**/MF **A01**

**LA-UR-85-2504**

Deconvolution Analysis to Determine Relaxation Time Spectra of Internal Friction Peaks.

DE85015702 **26**-*561,912* PC **A02**/MF **A01**

**LA-UR-85-2515**

Mach Stem Characterization in Mbar Designs Using RSR Powder.

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**LA-UR-85-2529**

Thermoelastic-Plastic Flow and Ductile Fracture in Solids.

DE85015699 **25**-*559,773* PC **A04**/MF **A01**

**LA-UR-85-2538**

Time Dependent White Dwarf Radiative Shocks.

DE85015698 **25**-*557,278* PC **A02**/MF **A01**

**LA-UR-85-2549**

Intelligent Portal Monitor for Fast Suppression of False Positives Due to Radiopharmaceuticals.

DE85015697 **25**-*559,045* PC **A02**/MF **A01**

**LA-UR-85-2551**

Evolution of the Structural Phase Transition in CeAg in the Low Pressure Range.

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**LA-UR-85-2553**

Translocation of Particles to the Pleural Space and Tracheobronchial Lymph Nodes Following Lung Deposition.

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**LA-UR-85-2556**

Summary from Working Group on Multiple BEAMS and Funneling.

DE85015694 **25**-*559,469* PC **A02**/MF **A01**

**LA-UR-85-2565**

EPIC: An Error Propagation/Inquiry Code.

DE85015693 **25**-*559,307* PC **A02**

**LA-UR-85-2566**

Extrinsic and Intrinsic Complexities of the Los Alamos Plutonium Processing Facility.

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**LA-UR-85-2567**

Confirmatory Measurements of UF sub 6 Using the Neutron Self-interrogation Method.

DE85015752 **26**-*561,380* PC **A02**/MF **A01**

**LA-UR-85-2570**

Fast Framing Camera with Independent Frame Adjustments.

DE85015751 **25**-*558,831* PC **A02**/MF **A01**

**LA-UR-85-2579**

Recent Developments in Microshell-Tipped Optical Fibers as High-Pressure Shock Detectors.

DE85015750 **24**-*556,139* PC **A02**/MF **A01**

**LA-UR-85-2580**

Plasma Magnetic Field Diagnostic Using Laser Detection of Neutral Lithium.

DE85015749 **25**-*559,682* PC **A02**/MF **A01**

**LA-UR-85-2583**

Simulations of Vibrational Relaxation in Dense Molecular Fluids.

DE85015748 **25**-*559,365* PC **A03**/MF **A01**

**LA-UR-85-2595**

Gas Cell Neutralizers (Fundamental Principles).

DE85015747 **25**-*559,543* PC **A03**/MF **A01**

**LA-UR-85-2596**

Overlap of Electron Core States for Very High Compressions.

DE85015745 **25**-*559,798* PC **A02**/MF **A01**

**LA-UR-85-2639**

Natural Convection Airflow Measurement and Theory.

DE84016829 **02**-*504,222* PC **A02**/MF **A01**

**LA-UR-85-2648**

Thermochemical Correlation of Material Transport in an Alkali Metal Heat Pipe.

DE85015744 **26**-*561,659* PC **A02**/MF **A01**

**LA-UR-85-2666**

Materials Accounting at Los Alamos National Laboratory.

DE85015743 **25**-*559,309* PC **A02**/MF **A01**

**LA-UR-85-2667**

Experience with Confirmation Measurement at Los Alamos.

DE85015742 **25**-*559,308* PC **A02**/MF **A01**

**LA-UR-85-2669**

Laser Intracavity Absorption as a Plasma Diagnostic Aid.

DE85015741 **25**-*559,681* PC **A02**/MF **A01**

**LA-UR-85-2670**

Configuration Space Methods in the Three-Nucleon Problem.

DE85015740 **25**-*559,542* PC **A03**/MF **A01**

**LA-UR-85-2683**

Temperature and Concentration Dependence of Hydrogen Site Occupancy in Several Rare-Earth Dihydrides.

DE85015739 **25**-*557,973* PC **A02**/MF **A01**

**LA-UR-85-2703**

Passive Vapor Transport Solar Heating Systems.

DE85015736 **25**-*558,592* PC **A02**/MF **A01**

**LA-UR-85-2704**

Toward a Microscopic Understanding of the Interacting Boson Model of Nuclei.

DE85015735 **26**-*561,786* PC **A03**/MF **A01**

**LA-UR-85-2708**
Neutron Cross Section Standards Evaluations for ENDF/B-VI
DE85015734 **25**-*559,541* PC **A02**/MF **A01**

**LA-UR-85-2721**
Performance Evaluation of the Antares Reference Telescope System
DE85015733 **25**-*558,913* PC **A02**

**LA-UR-85-2722**
Comparison of Collimation Systems for Small-Angle Neutron Scattering
DE85015732 **25**-*559,540* PC **A02**/MF **A01**

**LA-UR-85-2730**
Three-Nucleon Problem: Trinucleon Bound States and Trinucleon Interactions
DE85015731 **25**-*559,539* PC **A04**/MF **A01**

**LA-UR-85-2736**
Measurement of the Enrichment of Uranium in the Pipework of a Gas Centrifuge Enrichment Plant
DE85015730 **26**-*561,496* PC **A02**/MF **A01**

**LA-UR-85-2740**
Communicating Across Barriers at Home and Abroad
DE85015729 **25**-*557,587* PC **A02**/MF **A01**

**LA-UR-85-2743**
Shuttering Efficiencies of Nanosecond-Gated Photoemissive Shutter Tubes
DE85015728 **25**-*558,135* PC **A02**/MF **A01**

**LA-UR-85-2754**
Dynamic Compression of Metal Disks in the Freight Train Experiment
DE85015726 **25**-*558,437* PC **A02**/MF **A01**

**LA-UR-85-2861**
Self-Consistent Electronic Structure of alpha-Phase Hume-Rothery Electron Compound Alloys Cu/sub C/Zn/sub 1-C/, Cu/sub C/Ga/sub 1-C/, and Cu/sub C/Ge/sub 1-C/
DE85017560 **26**-*561,923* PC **A02**/MF **A01**

**LA-UR-85-2879**
Gallium Arsenide Photocathode for the Free Electron Laser
DE85017557 **26**-*561,709* PC **A02**/MF **A01**

**LA-UR-85-2920**
Structural Examination of Iridium-Based Single-Crystal Preparations
DE85017550 **26**-*560,938* PC **A02**/MF **A01**

**LA-UR-85-2944**
Characterization of Metal Binding Peptides from Cadmium Resistant Plant Cells
DE85017546 **26**-*560,431* PC **A02**/MF **A01**

**LA-UR-85-2994**
Reactive Scattering in the Bending-Corrected Rotating Linear Model
DE85017539 **26**-*560,503* PC **A03**/MF **A01**

**LA-UR-85-3026**
High Strain Rate Deformation in FCC Metals and Alloys
DE85017533 **26**-*560,937* PC **A03**/MF **A01**

**LA-UR-85-3064**
Energy Dispersive Spectroscopy Using Synchrotron Radiation: Intensity Considerations
DE85017530 **26**-*561,922* PC **A02**/MF **A01**

**LA-UR-85-3084**
Recovery of Plutonium by Pyroredox Processing
DE85017528 **26**-*561,469* PC **A02**/MF **A01**

**LA-UR-85-3098**
Possibilities at LAMPF for Studying Nuclei of Astrophysical Interest
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**LA-9445-PNTX-D**
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**LA-9445-PNTX-L**
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DE85007382 **12**-*528,018* PC **A03**/MF **A01**

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**LA-9703**
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DE85002350 **06**-*513,367* PC **A05**/MF **A01**

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DE84016982 **02**-*503,772* PC **A03**/MF **A01**

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DE85005189 **11**-*524,205* PC **A05**/MF **A01**

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DE85001525 **05**-*512,217* PC **A02**/MF **A01**

**LA-10021-MS**
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**LA-10028-MS**
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**LBL-17311**
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**LBL-17530**
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**LBL-17550**
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**LBL-17552**
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DE85009959 **18**-*541,320* PC **A02**/MF **A01**

**LBL-17582**
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**LBL-17593**
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**LBL-17598**
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**LBL-17600**
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**LBL-17603**
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**LBL-17633**
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DE85000621 **09**-*519,070* PC **A02**/MF **A01**

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**LBL-17640**

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DE85001652 **09**-*520,268* PC **A02**/MF **A01**

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**LBL-17687**

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DE85004653 **09**-*519,339* PC **A05**/MF **A01**

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**LBL-17697**

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**LBL-17735**

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**LBL-17763**

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DE85000710 **05**-*511,786* PC **A02**/MF **A01**

**LBL-17773**

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DE85001396 **05**-*512,482* PC **A02**/MF **A01**

**LBL-17827-REV.**

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DE85016644 **26**-*561,750* PC **A02**/MF **A01**

**LBL-17846**

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DE84015961 **02**-*504,200* PC **A02**/MF **A01**

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**LBL-17889**

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**LBL-17898**

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DE84016006 **01**-*501,692* PC **A02**/MF **A01**

**LBL-17899**

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DE84014589 **03**-*507,383* PC **A03**/MF **A01**

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DE85006603 **13**-*529,286* PC **A02**/MF **A01**

**LBL-17904**

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DE85004903 **10**-*523,108* PC **A02**

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DE85000704 **05**-*511,582* PC **A02**/MF **A01**

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DE84016905 **03**-*505,803* PC **A03**/MF **A01**

**LBL-17914**

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DE85004909 **11**-*525,621* PC **A05**/MF **A01**

**LBL-17915**

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DE85001299 **04**-*509,853* PC **A02**/MF **A01**

**LBL-17920**

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DE85004589 **11**-*524,579* PC **A02**/MF **A01**

**LBL-17925**

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**LBL-17927**

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DE84016889 **02**-*504,226* PC **A02**/MF **A01**

**LBL-17930**

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DE84016897 **03**-*507,396* PC **A04**/MF **A01**

**LBL-17936**

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DE84014603 **02**-*504,963* PC **A02**/MF **A01**

**LBL-17947**

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DE85016560 **26**-*560,485* PC **A02**/MF **A01**

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DE85002065 **05**-*511,651* PC **A02**/MF **A01**

**LBL-17958**

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DE85008832 **14**-*532,780* PC **A04**/MF **A01**

**LBL-17967**

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**LBL-17968**

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DE84014571 **02**-*504,875* PC **A02**/MF **A01**

**LBL-17973**

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DE84014584 **01**-*500,551* PC **A03**/MF **A01**

**LBL-17975**

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DE85007618 **13**-*529,044* PC **A05**/MF **A01**

**LBL-17991**

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DE85008506 **17**-*538,228* PC **A03**/MF **A01**

**LBL-17994**

Energy Conservation in Public Housing: The San Francisco Experience.
DE85000319 **04**-*509,239* PC **A02**/MF **A01**

**LBL-17996**

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DE85002886 **08**-*517,825* PC **A02**/MF **A01**

**LBL-17996-REV.**

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DE85002900 **08**-*517,826* PC **A02**/MF **A01**

**LBL-17998**

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DE84016902 **02**-*504,229* PC **A02**/MF **A01**

**LBL-18001**

Effect of H sub 2 S and COS in the Fuel Gas on the Performance of Ambient Pressure Phosphoric Acid Fuel Cells.
DE85013913 **23**-*552,970* PC **A03**/MF **A01**

**LBL-18008**

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DE85003457 **09**-*520,274* PC **A02**/MF **A01**

**LBL-18010**

Laser-Induced Fluorescence of Metal-Atom Impurities in a Neutral Beam.
DE85004980 **11**-*524,965* PC **A02**/MF **A01**

**LBL-18011**

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DE84016879 **03**-*507,266* PC **A04**/MF **A01**

**LBL-18015**

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DE85004125 **12**-*527,683* PC **A02**/MF **A01**

**LBL-18016**

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DE85003456 **10**-*522,609* PC **A02**/MF **A01**

**LBL-18024**

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DE85008675 **15**-*534,124* PC **A03**/MF **A01**

**LBL-18025**

Onset of Freezing in Residential Air-to-Air Heat Exchangers.
DE85009960 **18**-*541,010* PC **A03**/MF **A01**

**LBL-18027**

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DE85000708 **04**-*509,848* PC **A04**/MF **A01**

**LBL-18042**

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DE84016004 **02**-*504,966* PC **A02**/MF **A01**

**LBL-18043**

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DE85008454 **14**-*532,656* PC **A02**/MF **A01**

**LBL-18045**

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DE84016060 **02**-*504,855* PC **A02**/MF **A01**

**LBL-18046**

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DE85005108 **11**-*524,330* PC **A03**/MF **A01**

**LBL-18047**

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DE85002781 **06**-*513,913* PC **A04**/MF **A01**

**LBL-18051**

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DE84016908 **02**-*504,048* PC **A02**/MF **A01**

**LBL-18062**

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DE84016877 **18**-*540,970* PC **A02**/MF **A01**

**LBL-18080**

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DE85002007 **04**-*508,818* PC **A02**/MF **A01**

**LBL-18082**

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DE84016892 **02**-*503,559* PC **A05**/MF **A01**

**LBL-18085**

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DE85016514 **25**-*558,287* PC **A10**/MF **A01**

**LBL-18087**

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DE84016898 **02**-*504,227* PC **A02**/MF **A01**

**LBL-18091**
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DE84016768 **03**-*506,254* PC **A13**/MF **A01**

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**LBL-18103**
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DE85001647 **08**-*516,830* PC **A02**

**LBL-18105**
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DE84016058 **01**-*500,589* PC **A02**/MF **A01**

**LBL-18106**
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DE85001398 **09**-*518,975* PC **A05**/MF **A01**

**LBL-18114**
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DE85000712 **04**-*509,571* PC **A02**/MF **A01**

**LBL-18126**
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DE84016880 **03**-*506,594* PC **A02**/MF **A01**

**LBL-18127**
Businaro-Gallone Transition as Observed in Complete Charge Distributions from Compound Nucleus Decay.
DE85016625 **25**-*559,549* PC **A02**/MF **A01**

**LBL-18132**
Backbone Network Simulations: A Comparative Study.
DE85006874 **13**-*529,189* PC **A03**/MF **A01**

**LBL-18133**
Continuous Organic Electrochemical Synthesis.
DE85001400 **09**-*518,900* PC **A05**/MF **A01**

**LBL-18134**
Heat Transfer Through He II in a 9.6 M Long 35 mm ID Tube.
DE84016949 **02**-*505,118* PC **A02**/MF **A01**

**LBL-18135**
Investigation of the Si(111) Surface in Uhv: Oxidation and the Effect of Surface Phosphorus.
DE84016893 **02**-*504,861* PC **A02**/MF **A01**

**LBL-18136**
Electronic Bandstructure of an Incommensurate Crystal.
DE84016891 **02**-*505,107* PC **A02**/MF **A01**

**LBL-18139**
Air Quality Issues in Ventilation Standards.
DE84016899 **02**-*504,228* PC **A02**/MF **A01**

**LBL-18143**
Spectroscopy of One- and Two-Electron Uranium.
DE84016887 **02**-*503,558* PC **A02**/MF **A01**

**LBL-18144**
Measurement of Fenestration Net Energy Performance: Considerations Leading to Development of the Mobile Window Thermal Test (MoWiTT) Facility.
DE85000711 **07**-*515,120* PC **A02**/MF **A01**

**LBL-18146**
Fracture Detection and Mapping for Geothermal Reservoir Definition: An Assessment of Current Technology, Research, and Research Needs.
DE85010627 **18**-*540,699* PC **A04**/MF **A01**

**LBL-18148**
NMR Imaging and Spectroscopy of the Mammalian Central Nervous System after Heavy Ion Radiation.
DE85004509 **11**-*523,875* PC **A11**/MF **A01**

**LBL-18149**
Formaldehyde and Tracer Gas Transfer Between Airstreams in Enthalpy-Type Air-to-Air Heat Exchangers.
DE84016951 **08**-*517,006* PC **A03**/MF **A01**

**LBL-18150**
LDA Study of Non-Steady Flame Propagation in a Constant Volume Duct.
DE85007233 **13**-*530,570* PC **A03**/MF **A01**

**LBL-18151**
Excited-State Dynamics of NADH and 1-N-Propyl-1,4-Dihydronicotinamide.
DE84016002 **02**-*503,539* PC **A02**/MF **A01**

**LBL-18161**
X-Ray L beta sub 2 sub 15 Emission Spectrum of Ru in Ru(NH Sub 3 ) sub 6 Cl sub 3.
DE84016881 **02**-*505,105* PC **A02**/MF **A01**

**LBL-18163**
Knock Syndrome: Its Cures and Its Victims.
DE84016884 **03**-*507,856* PC **A02**/MF **A01**

**LBL-18165**
New Collider Scheme at LBL (Lawrence Berkeley Laboratory).
DE85000278 **06**-*514,110* PC **A02**/MF **A01**

**LBL-18166**
Equilibration, Compression and Flow at the Bevalac.
DE85000636 **06**-*514,111* PC **A02**/MF **A01**

**LBL-18172**
Influence of the Amorphous-Crystalline Interface Morphology on Dislocation Nucleation in Pre-Amorphized Silicon.
DE85002068 **05**-*512,396* PC **A02**/MF **A01**

**LBL-18177**
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**LBL-18179**
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**LBL-18183**
Thermodynamic Properties of Aqueous NaC1 from 273 to 823 K with Estimates for Higher Temperatures.
DE85000392 **04**-*508,790* PC **A03**/MF **A01**

**LBL-18187**
Proceedings of the Workshop on Prospects for Research with Radioactive Beams from Heavy Ion Accelerators.
DE85000789 **09**-*520,261* PC **A10**/MF **A01**

**LBL-18188**
Concentrations of Indoor Pollutants Data Base: A Status Report.
DE85010629 **17**-*537,207* PC **A03**/MF **A01**

**LBL-18191**
Ultrasensitive Measuring Devices.
DE85000672 **06**-*513,911* PC **A02**/MF **A01**

**LBL-18192**
Optical Second Harmonic Generation for Surface Studies.
DE85000670 **07**-*515,519* PC **A02**/MF **A01**

**LBL-18193**
Chaos and Related Nonlinear Noise Phenomena in Josephson Tunnel Junctions.
DE85000393 **04**-*509,057* PC **A07**/MF **A01**

**LBL-18195**
Resonant Activation of a Josephson Junction.
DE85000702 **04**-*509,058* PC **A02**/MF **A01**

**LBL-18203**
Low Temperature Electron Paramagnetic Resonance of the Photosynthetic Oxygen Evolving System.
DE84016950 **02**-*503,239* PC **A08**/MF **A01**

**LBL-18207**
Steam Stripping of Oil Shale Wastewaters. LBL/SEEHRL Steam Stripper Design, Operation, and Maintenance Manual.
DE85003058 **07**-*515,089* PC **A07**/MF **A01**

**LBL-18209**
Electronic and Magnetic Properties of Transition-Metal Surfaces, Interfaces and Overlayers.
DE84016886 **02**-*505,106* PC **A02**/MF **A01**

**LBL-18214**
Electron Image Simulation: A Complementary Processing Technique.
DE85000685 **07**-*515,520* PC **A03**/MF **A01**

**LBL-18216**
Calculation and Computer Simulation of the Paraboloidal Mirror Analyzer (PMA).
DE85001417 **05**-*512,064* PC **A04**/MF **A01**

**LBL-18217**
Three-Dimensional Vortex Methods.
DE85000391 **04**-*510,195* PC **A04**/MF **A01**

**LBL-18225**
Workshop on Detectors for Relativistic Nuclear Collisions. Proceedings.
DE85001402 **07**-*515,348* PC **A08**/MF **A01**

**LBL-18230**
Finite Range Droplet Model.
DE85000276 **09**-*520,456* PC **A02**/MF **A01**

**LBL-18231**
Structure of Charged-Current Interactions.
DE85000390 **09**-*520,459* PC **A03**/MF **A01**

**LBL-18232**
Melt Zones Beneath Five Volcanic Complexes in California: An Assessment of Shallow Magma Occurrences.
DE85010644 **18**-*540,702* PC **A07**/MF **A01**

**LBL-18235**
Heavy Ion Fusion Accelerator Research in the US.
DE85008456 **15**-*534,528* PC **A02**/MF **A01**

**LBL-18236**
Surface Structure Determination with ARPEFS.
DE84016904 **02**-*503,560* PC **A02**/MF **A01**

**LBL-18240**
Study of Transfer and Breakup Reactions with the Plastic Box.
DE85000626 **06**-*514,147* PC **A02**/MF **A01**

**LBL-18240-REV.**
Study of Transfer and Breakup Reactions with the Plastic Box.
DE85007471 **13**-*530,433* PC **A02**/MF **A01**

**LBL-18245**
High-Resolution Electron Microscopy Study of Silica Aerogel Transparent Insulation.
DE85007124 **13**-*529,509* PC **A02**/MF **A01**

**LBL-18246**
Portable, Public Domain LEX for the Software Tools.
DE85000703 **04**-*509,104* PC **A02**/MF **A01**

**LBL-18247**
Analysis of Window Performance in a Single-Family Residence.
DE85000619 **08**-*517,030* PC **A02**

**LBL-18248**
Daylighting Data for Atrium Design.
DE85005164 **12**-*527,215* PC **A02**/MF **A01**

**LBL-18250**
Panel Report on Coupled Thermo-Mechanical-Hydro-Chemical Processes Associated with a Nuclear Waste Repository.
DE85004340 **08**-*517,562* PC **A05**/MF **A01**

**LBL-18254**
Elevated Temperature Erosion Corrosion of 9Cr1Mo Steel.
DE85008445 **15**-*534,023* PC **A03**/MF **A01**

**LBL-18255**
Erosion of Corrosion-Resistant Surface Treatments on Alloy Steels.
DE85008446 **15**-*533,985* PC **A03**/MF **A01**

**LBL-18256**
Elevated Temperature Erosion of Steels.
DE85008503 **15**-*534,024* PC **A03**/MF **A01**

**LBL-18258**
Pollutant Emission Rates from Unvented Infrared and Convective Gas-Fired Space Heaters.
DE85010647 **19**-*543,313* PC **A03**/MF **A01**

**LBL-18259**
Cerenkov Detector for Heavy-Ion Velocity Measurements.
DE85002067 **05**-*512,230* PC **A02**/MF **A01**

**LBL-18260**
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DE85006868 **13**-*530,410* PC **A06**/MF **A01**

**LBL-18261**
Compositional, Structural, and Physical Studies of Some Graphite Hexafluoroarsenates and Their Relatives.
DE85000855 **09**-*518,896* PC **A07**/MF **A01**

**LBL-18268**
Modeling of Geothermal Systems.
DE85012553 **20**-*545,284* PC **A02**/MF **A01**

**LBL-18270**
Assessing the Performance of Geologic Repositories for Nuclear Waste.
DE85001197 **07**-*515,399* PC **A02**/MF **A01**

**LBL-18271**
Evidence for a Solar Companion Star.
DE85002069 **05**-*510,689* PC **A02**/MF **A01**

**LBL-18275**
Time-Resolved Resonant Raman Scattering and Hot Luminescence at the 1S Ortho-Exciton in Cu sub 2 O.
DE85002071 **04**-*510,395* PC **A02**/MF **A01**

**LBL-18276**
Subnanosecond Time-Resolved Emission Study of Cu sub 2 O and GaAs.
DE85002070 **09**-*520,724* PC **A06**/MF **A01**

**LBL-18278**
Ab Intio Studies of Some Unique Molecular Systems.
DE85002066 **04**-*508,819* PC **A05**/MF **A01**

**LBL-18281**
New Catalysts and New Electrolytes for Acid Fuel Cells.
DE85009940 **17**-*538,139* PC **A02**/MF **A01**

**LBL-18287**
Supported Liquid Membrane Battery Separators. Final Report.
DE85001031 **08**-*516,828* PC **A03**/MF **A01**

**LBL-18288**
Polymeric Electrolytes for Ambient Temperature Lithium Batteries. Final Report.
DE85001032 **07**-*514,955* PC **A03**/MF **A01**

**LBL-18289**
Studies of the Kinetics and Mechanisms of Ammonia Synthesis and Hydrodesulfurization on Metal Single Crystal Surfaces.
DE85001650 **07**-*514,697* PC **A02**/MF **A01**

**LBL-18290**
Polyelectrolytes as Interfaces for Retarding Back Reaction in Photoinduced Electron Transfer.
DE85000713 **04**-*508,794* PC **A02**/MF **A01**

**LBL-18292**
Calorimetric Investigation into the Possibility of a Charge Density Wave Ground State in Alkali Metals.
DE85002006 **05**-*512,531* PC **A09**/MF **A01**

**LBL-18294**
Luminosities for Collisions of Intermediate Bosons and Other Partons.
DE85000388 **09**-*520,458* PC **A02**/MF **A01**

**LBL-18297**
Kinetics of Oxygen Exchange Between Bisulfite Ion and Water as Studied by Oxygen-17 Nuclear Magnetic Resonance Spectroscopy.
DE85001866 **09**-*518,902* PC **A11**/MF **A01**

**LBL-18298**
Application of Permanent Magnets in Accelerators and Electron Storage Rings.
DE85004981 **12**-*527,967* PC **A02**/MF **A01**

**LBL-18299**
Electrochromic and Thermochromic Materials for Solar Energy Applications with Emphasis on Niobium and Vanadium Oxides.
DE85010630 **18**-*541,020* PC **A04**/MF **A01**

**LBL-18301**
Simulating Supersymmetry at the SSC.
DE85000699 **09**-*520,462* PC **A02**/MF **A01**

**LBL-18302**
Geometric Hamiltonian Structures and Perturbation Theory.
DE85002005 **06**-*514,228* PC **A03**/MF **A01**

**LBL-18303**
Ionizing and Ultraviolet Radiation Enhances the Efficiency of DNA Mediated Gene Transfer in Vitro.
DE85004896 **11**-*523,877* PC **A11**/MF **A01**

**LBL-18307**
Calculated Masses and Half-Lives for Nuclei in the Region 100 Less Than or Equal to Z Less Than or Equal to 110.
DE85002046 **05**-*512,500* PC **A02**/MF **A01**

**LBL-18309**
Experiments with Heavy Beams at the Berkeley Bevalac.
DE85004898 **11**-*525,405* PC **A02**/MF **A01**

**LBL-18310**
Detectors for High Energy Nucleus-Nucleus Collisions.
DE85001648 **06**-*513,996* PC **A03**/MF **A01**

**LBL-18313**
Crossed Undulator System for a Variable Polarization Synchrotron Radiation Source.
DE85002063 **06**-*514,119* PC **A02**/MF **A01**

**LBL-18314**
Covariant Lie-Transformed Plasma Action Principle.
DE85000285 **09**-*520,599* PC **A02**/MF **A01**

**LBL-18315**
Storage-Ring FEL for the Vuv.
DE85001646 **09**-*520,223* PC **A02**/MF **A01**

**LBL-18316**
Neutron Deficient Mass Surface Between the 1F/sub 7/2/ and 1G/sub 9/2/ Shells: The Masses of sup 77 Kr and sup 75 Kr.
DE85000698 **04**-*510,278* PC **A02**/MF **A01**

**LBL-18320**
Search for Right-Handed Currents in Muon Decay.
DE85000338 **09**-*520,457* PC **A03**/MF **A01**

**LBL-18324**
Thermoelectric Charge Imbalance in Superconducting Aluminum and the Development of a Scanning Tunneling Microscope.
DE85004108 **09**-*520,735* PC **A07**/MF **A01**

**LBL-18335**
Electrochemistry of Halogen Electrodes in Propylene Carbonate.
DE85008452 **18**-*540,782* PC **A11**/MF **A01**

**LBL-18340**
AEM With a Convergent Beam.
DE85000667 **05**-*511,225* PC **A03**/MF **A01**

**LBL-18341**
Search for Fractionally Charged Particles in E exp + E exp - Annihilations.
DE85004659 **10**-*523,007* PC **A08**

**LBL-18357**
Compression and Expansion at the Bevalac.
DE85000683 **06**-*514,149* PC **A02**/MF **A01**

**LBL-18358**
Effects of High Magnetic Fields on the Martensitic Transformation and on the Mechanical Behavior of Cryogenic Fe-9Ni Steel.
DE85007142 **12**-*527,114* PC **A05**/MF **A01**

**LBL-18359**
Neutron Streak Camera Electron Gun Design.
DE85000620 **09**-*520,600* PC **A02**/MF **A01**

**LBL-18362**
Dc SQUID as a Tuned Radiofrequency Amplifier.
DE85000701 **04**-*509,177* PC **A02**/MF **A01**

**LBL-18367**
Electron Oxidation of Graphite by Fluorospecies.
DE85001196 **05**-*511,229* PC **A06**/MF **A01**

**LBL-18375**
Isolation and Characterization of Photosynthetic Reaction Centers from Rhodopseudomonas Capsulata and Rhodopseudomonas Sphaeroides.
DE85000623 **06**-*513,025* PC **A10**/MF **A01**

**LBL-18376**
Phosphorus-31 NMR Magnetization Transfer Measurements of Metabolic Reaction Rates in the Rat Heart and Kidney in Vivo.
DE85001195 **06**-*513,026* PC **A08**/MF **A01**

**LBL-18380**
GSI-LBL Plastic Ball/Wall Spectrometer.
DE85001651 **07**-*515,351* PC **A03**/MF **A01**

**LBL-18384**
Monitoring of Circadian Waveforms in Rodents Exposed to High-Intensity Static Magnetic Fields.
DE85015225 **24**-*555,193* PC **A03**/MF **A01**

**LBL-18385**
Analysis of gamma-Ray Damage to Supercoiled DNA from Electrooptical Birefringence Relaxation Times.
DE85006866 **13**-*528,840* PC **A02**/MF **A01**

**LBL-18387**
Bis-(Pentamethylcyclopentadienyl) Ytterbium as an Electron Transfer Reagent Toward Organic and Organo-Transition Metal Compounds.
DE85001658 **05**-*511,234* PC **A14**/MF **A01**

**LBL-18388**
Gallium-68 Chemistry for Labeling Platelets, Proteins and Lipoproteins.
DE85007227 **13**-*528,716* PC **A03**/MF **A01**

**LBL-18393**
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DE85010638 **18**-*540,199* PC **A12**/MF **A01**

**LBL-18397**
Diagnostics for the NBETF (Neutral Beam Engineering Test Facility) Actively Cooled Beamdump.
DE85004128 **10**-*522,611* PC **A02**

**LBL-18402**
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DE85003470 **08**-*518,001* PC **A02**/MF **A01**

**LBL-18403**
Two-Beam Accelerator.
DE85004662 **11**-*525,399* PC **A02**/MF **A01**

**LBL-18406**
Ultraviolet Divergences and Supersymmetric Theories.
DE85001649 **08**-*518,095* PC **A02**/MF **A01**

**LBL-18411**
Densification and Deformation in the Presence of a Liquid Phase.
DE85005101 **11**-*524,420* PC **A11**/MF **A01**

**LBL-18412**
Effect of Heating Rate and Annealing Temperature on Twin Formation in As exp + Implanted (111) Silicon.
DE85004894 **11**-*525,336* PC **A02**/MF **A01**

**LBL-18413**
Semiconductor Electrochemistry Approach to the Study of Oxide Films on Nickel Electrodes. Final Report.
DE85003042 **09**-*519,336* PC **A05**/MF **A01**

**LBL-18414**
Research to Explore the Feasibility of Sulfolanes as Electrolytic Solvents for Rechargeable Lithium Batteries. Final Report.
DE85004345 **09**-*519,338* PC **A04**/MF **A01**

**LBL-18415**
Quantitative X-Ray Fluorescence Analysis Using Monochromatic Synchrotron Radiation.
DE85000628 **09**-*518,894* PC **A02**/MF **A01**

**LBL-18424**
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DE85000597 **09**-*520,460* PC **A03**

**LBL-18425**
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DE85004346 **08**-*517,047* PC **A03**/MF **A01**

**LBL-18438**
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DE85008676 **15**-*533,894* PC **A02**/MF **A01**

**LBL-18439**
Flow Rate Decline of Steam Wells in Fractured Geothermal Reservoirs.
DE85008681 **15**-*533,895* PC **A02**/MF **A01**

**LBL-18440**
Numerical Studies of Silica Precipitation/Dissolution.
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**LBL-18441**
New Model for Well Test Analysis in a Purely Fractured Medium.
DE85008429 **15**-*533,887* PC **A02**/MF **A01**

**LBL-18443**
Recommendations of the Industry Advisory Panel on Geothermal Reservoir Definition.
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**LBL-18448**
Acoustic and Electrical Properties of Mexican Geothermal Rock Samples.
DE85007622 **13**-*529,045* PC **A02**/MF **A01**

**LBL-18451**
Hydrothermal Conditions and Resaturation Times in Underground Openings for a Nuclear Waste Repository in the Umtanum Flow at the Basalt Waste Isolation Project.
DE85010636 **17**-*538,994* PC **A07**/MF **A01**

**LBL-18452**
Enhanced Spectroscopy and Photochemistry of Molecules Adsorbed on Metal Surfaces.
DE85000618 **04**-*508,793* PC **A11**/MF **A01**

**LBL-18456**
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**LBL-18457**
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**LBL-18458**
Electrophoretic and Biochemical Studies of Erythrocyte Membrane Structure.
DE85007658 **13**-*528,670* PC **A08**/MF **A01**

**LBL-18466**
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**LBL-18469**
Algorithm for the Simulation of Transient Viscoelastic Flows with Free Surfaces.
DE85002713 **06**-*514,078* PC **A03**/MF **A01**

**LBL-18473**
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DE85004445 **11**-*525,091* PC **A04**/MF **A01**

**LBL-18475**
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**LBL-18479**
Searching for Supersymmetry at the SSC.
DE85004897 **10**-*523,009* PC **A03**

**LBL-18483**
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**LBL-18490**
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**LBL-18500**
Accelerator and Fusion Research Division (Lawrence Berkeley Laboratory): Summary of Activities, 1983.
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**LBL-18501**
Performance of the LBL ECR Ion Source.
DE85003471 **09**-*520,275* PC **A02**/MF **A01**

**LBL-18504**
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DE85004661 **09**-*519,119* PC **A02**/MF **A01**

**LBL-18520**
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DE85013316 **21**-*548,034* PC **A03**/MF **A01**

**LBL-18526**
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DE85016519 **25**-*559,136* PC **A05**/MF **A01**

**LBL-18528**
Method to Render Second Order Beam Optics Programs Symplectic.
DE85010631 **18**-*541,715* PC **A04**/MF **A01**

**LBL-18530**
Collisional Pumping for the Production of Intense Spin-Polarized, Neutral Beams. Target Considerations.
DE85003459 **08**-*517,840* PC **A02**/MF **A01**

**LBL-18530-REV.**
Collisional Pumping for the Production of Intense Spin-Polarized Neutral Beams. Target Considerations. Revision.
DE85011161 **21**-*548,821* PC **A02**/MF **A01**

**LBL-18531**
Molecular Dynamics Study of the Reaction H Sub 2 + OH Yields H sub 2 O + H.
DE85000624 **07**-*514,694* PC **A03**/MF **A01**

**LBL-18535**
Comparative Study of Combustion in Unvented Space Heating Devices.
DE85000673 **09**-*519,590* PC **A03**/MF **A01**

**LBL-18542**
Transition Metal Macrocycles and Related Complexes as Catalysts for Oxygen Electrodes. Final Report.
DE85004439 **20**-*545,385* PC **A07**/MF **A01**

**LBL-18543**
Commercial-Sector Conservation Technologies.
DE85010642 **18**-*540,701* PC **A16**/MF **A01**

**LBL-18546**
Thirty Years at the Forefront: A Perspective on the Bevatron/Bevalac.
DE85005109 **11**-*525,409* PC **A02**/MF **A01**

**LBL-18549**
Ion-Enhanced Chemical Reaction of XeF sub 2 with Silicon by Modulated Molecular Beam Mass Spectrometry.
DE85005165 **11**-*524,004* PC **A02**/MF **A01**

**LBL-18550**
Transformations of Maps to Investigate Clusters of Disease.
DE85004912 **11**-*523,815* PC **A03**/MF **A01**

**LBL-18552**
Numerical Studies of Fluid and Heat Flow Near High-Level Nuclear Waste Packages Emplaced in Partially Saturated Fractured Tuff.
DE85010639 **17**-*538,995* PC **A04**/MF **A01**

**LBL-18554**
Impurity Complexes in Pure Elemental Semiconductors.
DE85003473 **09**-*520,729* PC **A09**/MF **A01**

**LBL-18557**
Fast Readout of CCD Images.
DE85004901 **11**-*524,203* PC **A02**/MF **A01**

**LBL-18561**
Energy Performance Analysis of Fenestration in a Single-Family Residence.
DE85007617 **18**-*540,976* PC **A03**/MF **A01**

**LBL-18563**
Mass Transport in Low Permeability Rocks under the Influence of Coupled Thermomechanical and Hydrochemical Effects - an Overview.
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**LBL-18565**
Mechanical Transport and Porous Media Equivalence in Anisotropic Fracture Networks.
DE85008513 **15**-*534,586* PC **A02**/MF **A01**

**LBL-18569**
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DE85003458 **09**-*518,907* PC **A07**/MF **A01**

**LBL-18571**
Workshop on Electroweak Symmetry Breaking: Proceedings.
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**LBL-18572**
Collision Rates and New Physics.
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**LBL-18574**
Research on Separators for Alkaline Zinc Batteries. Final Report.
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**LBL-18582**
Electronic Structure and Optical Spectroscopy of F/Sup n/ Ions and Compounds.
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**LBL-18586**
Structure and Chemistry of Sol-Gel Derived Transparent Silica Aerogel.
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**LBL-18587**
Contact Zones and Hydrothermal Systems as Analogues to Repository Conditions.
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**LBL-18593**
Atomic Physics Aspects of a Relativistic Nuclear Collider.
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Full Coupled Cluster Singles, Doubles and Triples Model for the Description of Electron Correlation.
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Effects of Ion Bombardment on the Morphology of Lead Films.
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**LBL-18613**
Reaction Mechanisms in the Radiolysis of Peptides, Polypeptides and Proteins.
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**LBL-18619**
Epidemiology of Ovarian Cancer in the United States: An Ecological Analysis.
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**LBL-18626**
Report on the 1984 LBL (Lawrence Berkeley Laboratory) Workshop on Detectors for Relativistic Nuclear Collisions.
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Study of Cultured Fibroblasts in Vivo Using NMR.
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**LBL-18634**
Nonlinear sigma-Models and Integration Methods.
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Effect of Temperature on the Corrosion-Erosion of 9Cr1Mo Steel.
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Berkeley High-Resolution Ball.
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Studies on Zinc Nodules Electrodeposited from Acid Electrolytes.
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Conformational Studies of Nucleic Acids.
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Adiabatic Approach in the Theory of Polyatomic Photodissociation: Application to C sub 2 N sub 2.
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Critical Current Density and Microstructural State of an Internal Tin Multifilamentary Superconducting Wire.
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**LBL-18663**
Influence of Windows on Building Energy Use.
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Macroscopic Quantum Tunnelling in a Current Biased Josephson Junction.
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Effect of Grain Size on the Mechanical Properties of Dual Phase Fe/Si/C Steels.
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**LBL-18683**
Experimental Methodology for Determining the System Performance of Fluorescent Lamp, Ballast, Fixture Combinations Operating under Realistic Application Conditions.
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Assessment of Present and Future Large-Scale Semiconductor Detector Systems.
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Surface Degradation of Ductile Metal in Elevated Temperature Gas-Particle Streams.
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Axion Mass Limits from Pulsar X Rays.
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Biophysical Bases of Human Plasma Lipoprotein Polydispersity: Role of Surface Modification.
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Discovery of Charm.
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Phase Transitions in Nuclear Matter.
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Inclusive Production of Strange and Vector Mesons in E exp + E exp - Annihilation at 29 GeV.
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**LBL-18700**
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Resonances in Photon-Photon Scattering.
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**LBL-18703**
Cooling of Neutron Stars with Hyperons.
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Microstructural State of Nb sub 3 Sn in a Multifilamentary Titanium Doped Bronze-Process Wire.
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Soot and Radiation in Free Boundary Layer Flames.
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Space Station as Quark Matter Factory.
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Degradation Phenomena in Solid Electrolytes.
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**LBL-18711**
Stochastic Beam Cooling Amplifier System Front End Components Performance Characteristics.
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**LBL-18712**
Looking for Anomalons with a Segmented Cerenkov Detector.
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**LBL-18715**
Thermodynamically Coupled Mass Transport Processes in a Saturated Clay.
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**LBL-18716**
Electrochemical and Morphological Study of the Effect of Temperature on the Restructuring and Loss of Capacity of Alkaline Battery Electrodes. Final Report.
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Hodgkin's Disease Incidence in the United States by Age, Sex, Geographic Region and Rye Histologic Subtype.
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**LBL-18720**
Fission Along the Mass Asymmetry Coordinate: An Experimental Evaluation of the Conditional Saddle Masses and of the Businaro-Gallone Point.
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**LBL-18726**
Unusual Behavior of Projectile Fragments Formed in the Bombardment of Copper with Relativistic Ar Ions.
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**LBL-18728**
HISS Spectrometer.
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Methyltrihydroborate Complexes of the Lanthanides and Actinides.
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**LBL-18731**
Charge Changing Cross Sections of Relativistic Uranium.
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**LBL-18742**
Overview of the Physics Issues at the SSC (Superconducting Super Collider).
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Simultaneous Measurements of Atmospheric Emissions at 10, 33 and 90 GHz.
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**LBL-18773**
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Coplanarity of Two-Proton Emissions in 400 MeV/Nucleon Ne + NaF, Pb Reactions.
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**LBL-18778**
Electronic and Magnetic Properties of Am and Cm.
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Experiments with Light Ions at the CERN Super Proton Synchrotron.
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**LBL-18791**
Use of Exotic Nuclear Beams for Nuclear Structure Studies.
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**LBL-18795**
Descriptive Epidemiology and Geographic Variation of Childhood Brain Cancer in the US.
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**LBL-18797**
Suppression of Propagating TE Modes in the FNAL Antiproton Source Stochastic Beam Cooling System.
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**LBL-18798**
Incorporation of an Elliptical Boundary Condition into the Program POISSON.
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**LBL-18814**
Data Management Issues of Statistical Databases.
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**LBL-18820**
Inclusive Hadron Production and Two Particle Correlations in e exp + e exp - Annihilation at 29 GeV Center-of-Mass Energy.
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Low Rise Multi-Family Housing: Prototype Development and Preliminary Energy Analysis.
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Measurement of Combustion Species by Electron Impact Fluorescence.
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Detailed Validation of a Liquid and Heat Flow Code Against Field Performance.
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**LBL-18840**
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**LBL-18846**
Microscopic Analysis of Angular Momentum Projected HFB-States in Terms of Interacting Bosons.
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**LBL-18849**
Fracture Detection and Characterization for Geothermal Reservoir Definition.
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**LBL-18850**
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Theoretical Study of Quantum Molecular Reaction Dynamics and of the Effects of Intense Laser Radiation on a Diatomic Molecule.
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Analytic Evaluation of Third and Fourth Derivatives for Hartree-Fock Wave Functions.
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Pion Source Parameters in Heavy Ion Collisions.
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**LBL-18865**
Some Aspects of the Behavior of Voids in Polycrystalline Ceramics.
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**LBL-18883**
Photoelectron Spectroscopy Studies of Cr(001) Surface Ferromagnetism and Near-Surface Antiferromagnetism.
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**LBL-18887**
1. RNA A-To-Z Transitions and DNA B-to-Z Transitions. 2. Circular Intensity Differential Scattering of Cholesteric Liquid Crystals.
DE85007660 **13**-*528,671* PC **A08**/MF **A01**

**LBL-18890**
Temperature and Manganese Content Dependences of Tensile Deformation in Iron-High Manganese Binary Alloys.
DE85007656 **14**-*531,860* PC **A02**/MF **A01**

**LBL-18891**
Mechanical Stabilization of Austenite Against Epsilon Martensite and Its Effect on Deformation Behavior in High Manganese Steels.
DE85007654 **14**-*531,859* PC **A02**/MF **A01**

**LBL-18892**
Strength Vs Toughness Relation in Fe-High Manganese Alloys.
DE85007628 **14**-*531,858* PC **A02**/MF **A01**

**LBL-18897**
Heavy Ion Rutherford Backscattering Spectrometry (HIRBS) For the Near Surface Characterization of Electronic Materials.
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**LBL-18901**
Microstructural Aspects of Gas-Solid Reactions.
DE85008510 **15**-*533,558* PC **A07**/MF **A01**

**LBL-18902**
In-Situ Study of GaAs Oxidation.
DE85014546 **24**-*555,311* PC **A03**/MF **A01**

**LBL-18909**
Afterpulse Time Spectra of High-Speed Photon Detectors.
DE85016631 **26**-*561,395* PC **A02**/MF **A01**

**LBL-18921**
TEM Investigation of Polar-on-Nonpolar Epitaxy: GaAs-AlGaAs on (100) Ge.
DE85007613 **13**-*530,304* PC **A02**/MF **A01**

**LBL-18927**
Personal History of Nucleon Polarization Experiments.
DE85007767 **14**-*532,630* PC **A03**/MF **A01**

**LBL-18939**
Achievement of Bevalac Rapid Mode Switching.
DE85015130 **24**-*556,733* PC **A02**/MF **A01**

**LBL-18941**
Pseudopotentials and Total Energy Calculations: Applications to Crystal Stability, Vibrational Properties, Phase Transformations, and Surface Structures.
DE85007657 **14**-*532,723* PC **A04**/MF **A01**

**LBL-18943**
Models of Long-Period Superstructures.
DE85007659 **13**-*530,306* PC **A02**/MF **A01**

**LBL-18944**
Gamma-Ray Production Cross Sections for alpha-Particle Induced Reactions on sup 19 F and sup 23 Na.
DE85012603 **21**-*549,114* PC **A02**/MF **A01**

**LBL-18945**
Coherent X-Rays and Vacuum-Ultraviolet Radiation from Storage-Ring-Based Undulators and Free Electron Lasers.
DE85009968 **17**-*539,325* PC **A04**/MF **A01**

**LBL-18946**
New Control Techniques for Extraction of Bevalac Beams.
DE85017640 **26**-*561,769* PC **A02**/MF **A01**

**LBL-18947**
Dynamics of Thin-Film Breakup in a Constricted Pore.
DE85008442 **17**-*537,821* PC **A02**/MF **A01**

**LBL-18949**
Cluster Production and Entropy.
DE85007620 **13**-*530,439* PC **A02**/MF **A01**

**LBL-18951**
High Energy Beam Transport System for a Heavy Ion Medical Accelerator.
DE85015272 **24**-*555,032* PC **A02**/MF **A01**

**LBL-18952**
Wobbler Dosimetry for the Biomedical Program at the LBL Bevalac.
DE85015250 **24**-*556,737* PC **A02**/MF **A01**

**LBL-18954**
Design of a Three Channel Septum Magnet.
DE85015249 **25**-*559,462* PC **A02**/MF **A01**

**LBL-18958**
Sources of Radioactive Ions.
DE85015251 **24**-*556,738* PC **A02**/MF **A01**

**LBL-18959**
Superhilac Upgrade Project.
DE85015245 **25**-*559,460* PC **A02**/MF **A01**

**LBL-18960**
Hybrid Rare Earth Quadrupole Drift Tube Magnets.
DE85015116 **24**-*556,731* PC **A02**/MF **A01**

**LBL-18961**
On-Line Velocity Measurements Using Phase Probes at the SuperHILAC.
DE85015279 **24**-*556,746* PC **A02**/MF **A01**

**LBL-18964**
Improved Bevatron Local Injector Ion Source Performance.
DE85015271 **24**-*556,739* PC **A02**/MF **A01**

**LBL-18965**
Versatile RF Controller.
DE85015273 **24**-*556,740* PC **A02**/MF **A01**

**LBL-18967**
Initial Operation of the New Bevatron Local Injector.
DE85015206 **25**-*559,459* PC **A02**/MF **A01**

**LBL-18970**
Two-Dimensional Linacs.
DE85015129 **24**-*556,732* PC **A02**/MF **A01**

**LBL-18973**
S-Matrix Theory of Nuclear Forces.
DE85007633 **14**-*532,628* PC **A02**/MF **A01**

**LBL-18975**
Two-Beam Accelerator: Structure Studies and 35 GHz Experiments.
DE85015246 **25**-*559,461* PC **A02**/MF **A01**

**LBL-18978**
Medical Heavy Ion Accelerator Proposals.
DE85015247 **25**-*557,665* PC **A02**/MF **A01**

**LBL-18980**
First Operation of the LBL ERC Ion Source with the 88-Inch Cyclotron.
DE85014543 **24**-*556,719* PC **A02**/MF **A01**

**LBL-18981**
Comparison of DOE-2.1C Prediction with Thermal Mass Test Cell Measurements.
DE85016493 **25**-*558,596* PC **A03**/MF **A01**

**LBL-18985**
Compact Microwave Ion Source.
DE85014536 **24**-*556,254* PC **A02**/MF **A01**

**LBL-18987**
Nonlinear Dynamics: A Personal Perspective.
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**LBL-19003**
Bifunctional Oxygen Electrodes. Final Report.
DE85006871 **14**-*531,485* PC **A07**/MF **A01**

**LBL-19004**
Computer Studies of the Quench Behavior of an SSC Model-Dipole.
DE85010633 **18**-*541,716* PC **A02**/MF **A01**

**LBL-19010**
Actinide Production from Xenon Bombardments of Curium-248.
DE85007768 **13**-*530,442* PC **A05**/MF **A01**

**LBL-19011**
Electron-Spin-Polarized Targets for a Collisionally-Pumped Polarized-Ion Source.
DE85015276 **24**-*556,743* PC **A02**/MF **A01**

**LBL-19013**
Overview of Applications of SQUIDs.
DE85009942 **18**-*540,553* PC **A02**/MF **A01**

**LBL-19021**
Rearrangement During Sintering of Two-Dimensional Arrays of Spheres.
DE85011974 **19**-*543,218* PC **A06**/MF **A01**

**LBL-19027**
Free-Ion Spectra of Interest to Solid and Solution Spectroscopists.
DE85007769 **13**-*528,984* PC **A02**/MF **A01**

**LBL-19030**
Compound Nucleus Emission of Complex Fragments at Low and Intermediate Energies.
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**LBL-19031**
Range-Energy Relation for Au Ions, E Less Than or Equal to 152 MeV/Amu.
DE85009958 **17**-*538,846* PC **A02**/MF **A01**

**LBL 19032**
Soliton Matter as a Model of Dense Nuclear Matter.
DE85009937 **18**-*541,746* PC **A02**/MF **A01**

**LBL-19033**
Heavy Ion Medical Accelerator Options.
DE85011204 **19**-*542,552* PC **A02**/MF **A01**

**LBL-19035**
Electrodeless HID Lamp Study. Final Report.
DE85010626 **17**-*538,391* PC **A04**/MF **A01**

**LBL-19051**
Some Comments on SSC Physics.
DE85008444 **15**-*534,861* PC **A02**/MF **A01**

**LBL-19057**
Two Particle Correlations from Relativistic Nuclear Collisions.
DE85008443 **14**-*532,655* PC **A02**/MF **A01**

**LBL-19058**
Computer Simulation of High Resolution Transmission Electron Micrographs: Theory and Analysis.
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**LBL-19062**
Issues in Storage-Ring for Operation of High-Gain FELs.
DE85007621 **13**-*530,370* PC **A03**/MF **A01**

**LBL-19063**
Report of the Working Group on Other Acceleration Schemes.
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**LBL-19064**
Phase and Amplitude Considerations for the Two-Beam Accelerator.
DE85008455 **15**-*534,812* PC **A02**/MF **A01**

**LBL-19084**
Study of Two-Phase Concurrent Flow of Steam and Water in an Unconsolidated Porous Medium.
DE85014534 **24**-*556,647* PC **A02**/MF **A01**

**LBL-19092**
CO Sub 2 Trends in the Depletion of the Larderello Vapor-Dominated Reservoir.
DE85008680 **16**-*536,063* PC **A02**/MF **A01**

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Plastic Scintillator Detectors for the Study of Transfer and Breakup Reactions at Intermediate Energies.
DE85009945 **18**-*541,494* PC **A02**/MF **A01**

**LBL-19098**
Profile Development in Drawn Hollow Tubes.
DE85009936 **19**-*543,240* PC **A03**/MF **A01**

**LBL-19098-REV.**
Profile Development in Drawn Hollow Tubes. Revision.
DE85012041 **22**-*550,749* PC **A03**/MF **A01**

**LBL-19099**
Electron Energy Loss Spectroscopy of Adsorbates on Ni and Cr Surfaces.
DE85008514 **14**-*531,864* PC **A08**/MF **A01**

**LBL-19105**
Finite Element Analysis of Laminar/Turbulent Flow in Porous and Fractured Media.
DE85016510 **25**-*558,066* PC **A04**/MF **A01**

**LBL-19106**
Monitoring of Subsurface Contaminants with Borehole/Surface Resistivity Measurements.
DE85008683 **17**-*538,456* PC **A02**/MF **A01**

**LBL-19114**
Pion Production and the Nuclear Equation of State.
DE85009941 **17**-*539,390* PC **A02**/MF **A01**

**LBL-19125**
Transfer Involving Deformed Nuclei.
DE85012229 **22**-*551,530* PC **A02**/MF **A01**

**LBL-19126**
State Survey of Innovative Energy Programs and Projects.
DE85010635 **18**-*540,700* PC **A03**/MF **A01**

**LBL-19127**
Low-Income Households and Energy Use in California.
DE85010632 **17**-*538,066* PC **A04**/MF **A01**

**LBL-19129**
Coal Slurry Ignition in a Diesel Engine Simulator.
DE85010987 **19**-*544,366* PC **A02**/MF **A01**

**LBL-19130**
TEM Combined with Al/sub X/Ga/sub 1-X/ as Marker Layers as a Technique for the Study of GaAs MBE Growth.
DE85008451 **14**-*532,560* PC **A02**/MF **A01**

**LBL-19136**
H Exp - Production in a Multicusp Microwave Plasma.
DE85011983 **20**-*546,078* PC **A10**/MF **A01**

**LBL-19139**
Surface Science and Catalysis.
DE85013922 **22**-*550,005* PC **A03**/MF **A01**

**LBL-19145**
Bergson and the Unification of the Sciences.
DE85009961 **18**-*539,900* PC **A02**/MF **A01**

**LBL-19146**
Experimental Evaluation of the Thermodynamic Properties of Concentrated Aqueous Potassium Hyroxide Solutions. Final Report.
DE85010628 **20**-*544,960* PC **A04**/MF **A01**

**LBL-19150**
Two-Dimensional Inversion of Resistivity Monitoring Data from the Cerro Prieto Geothermal Field.
DE85012554 **22**-*550,311* PC **A02**/MF **A01**

**LBL-19162**
Application of Cross-Sectional Transmission Electron Microscopy to the Characterization of Ion-Implanted Semiconductors.
DE85010990 **22**-*551,245* PC **A02**/MF **A01**

**LBL-19165**
LDA (Laser Doppler Anemometer) Study of the Unburned Gas Motion Induced by Nonsteady Flame Propagation in a Constant Volume Duct.
DE85009938 **18**-*541,908* PC **A03**/MF **A01**

**LBL-19166**
New Methods for Characterizing Soot Emissions from Fires.
DE85009930 **18**-*540,323* PC **A02**/MF **A01**

**LBL-19167**
Application of Daylighting Research Tools to Fenestration and Building Design Optimization.
DE85011980 **20**-*545,629* PC **A02**/MF **A01**

**LBL-19180**
Effects of Contact Area of an Interface on Acoustic Wave Transmission Characteristics.
DE85009935 **18**-*540,461* PC **A02**/MF **A01**

**LBL-19193**
New Method for Evaluating Composite Reservoir Systems.
DE85012232 **23**-*552,930* PC **A02**/MF **A01**

**LBL-19195**
Quark Fragmentation in E exp + E exp - Collisions.
DE85008678 **15**-*534,864* PC **A03**/MF **A01**

**LBL-19200**
Magnetic Charge and Non-Associative Algebras.
DE85009931 **18**-*541,837* PC **A02**

**LBL-19215**
Angle-Resolved Photoemission Extended Fine Structure.
DE85010980 **18**-*541,659* PC **A18**/MF **A01**

**LBL-19218**
Defect Identification in High-Purity Semiconductors.
DE85014533 **24**-*556,599* PC **A02**/MF **A01**

**LBL-19222**
Friction in Nuclear Dynamics.
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**LBL-19235**
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**LBL-19244**
Cal-BECA Project. Part 1. New California Nonresidential Buildings.
DE85016174 **25**-*558,281* PC **A03**/MF **A01**

**LBL-19252**
Simulation of Automatic Control of MFTF-B Neutral Beams.
DE85010640 **19**-*543,796* PC **A02**/MF **A01**

**LBL-19254**
Low-Energy Electron Diffraction - Experiment and Theory.
DE85009967 **17**-*539,272* PC **A02**/MF **A01**

**LBL-19271**
Aerogel: A Transparent Insulator for Solar Applications.
DE85016551 **26**-*561,003* PC **A02**/MF **A01**

**LBL-19276**
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**LBL-19280**
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**LBL-19285**
Permanent Magnets for Production and Use of High Energy Particle Beams.
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**LBL-19286**
Atomic Mechanisms of gamma : Precipitate Plate Growth in the Al-Ag System.
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**LBL-19287**
Muoproduction of J/psi(3100).
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**LBL-19291**
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**LBL-19304**
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**LBL-19319**
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**LBL-19321**
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**LBL-19326**
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Oxidative Addition of Organotransition Metal Complexes to the C-H Bonds in Organic Molecules.
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AD-A148 241/3 **05**-*511,742* PC **A03**/MF **A01**

**LCS-TR-7**
Smoothing with Split Linear Fits.
AD-A149 032/5 **07**-*515,024* PC **A03**/MF **A01**

**LCS-TR-8**
Consistency of Smoothing with Running Linear Fits.
AD-A150 232/7 **10**-*522,183* PC **A02**/MF **A01**

**LCS-TR-9**
Computing Environments for Data Analysis. Part 1. Introduction.
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**LCS-TR-10**
Computing Environments for Data Analysis. Part 2. Hardware.
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**LCS-TR-11**
Principal Curves and Surfaces.
AD-A148 833/7 **06**-*513,650* PC **A06**/MF **A01**

**LCS-TR-12**
Classification and Multiple Regression through Projection Pursuit.
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**LCS-TR-13**
Model for Large Sparse Contingency Tables.
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**LCS-TR-14**
Better Bootstrap Confidence Intervals.
AD-A150 798/7 **11**-*524,527* PC **A03**/MF **A01**

**LCS-TR-15**
Recursive Partitioning Using Ranks.
AD-A158 546/2 **25**-*558,514* PC **A03**/MF **A01**

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Spaceborne Microwave Radiometers: Background and Technology Requirements.
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Deep Sea Drilling Project.
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**LDGO0S-20081**
Arctic Marine Acoustics.
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Physical Oceanography Report. Helicopter-Based STD Data from MIZEX 83 (Marginal Ice Zone Experiment).
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Orientation of in situ Stresses Near the Costa Rica Rift and Peru-Chile Trench: Deep Sea Drilling Project Hole 504B.
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Contourite or Turbidite Magnetic Fabric of Fine-Grained Quaternary Sediments, Nova Scotia Continental Rise.
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**LDGO-3635**
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**LDGO-3641**
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Oligocene Glacio-Eustasy and Erosion on the Margins of the North Atlantic.
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**LDGO-3654**
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Multi Target Tracking by Dynamic Scene Analysis,
AD-A148 922/8 **07**-*515,307* MF **A01**

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Complexity of Distributed Decision Problems,
AD-A147 174/7 **02**-*504,143* PC **A02**/MF **A01**

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**LIDS-P-1407**
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Distributed Asynchronous Relaxation Methods for Convex Network Flow Problems,
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**LIDS-P-1425**
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AD-A149 997/9 **09**-*519,459* PC **A03**/MF **A01**

**LIDS-P-1426**
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**LIDS-P-1428**
Perspective on Multiaccess Channels,
AD-A150 183/2 **10**-*521,993* MF **A01**

**LIDS-P-1429**
Discrete-Time Markovian Jump Linear Quadratic Optimal Control,
AD-A150 982/7 **11**-*524,536* PC **A03**/MF **A01**

**LIDS-P-1443**
Performance Evaluation of Stochastic Timed Decision-Free Petri Nets,
AD-A153 987/3 **16**-*536,212* PC **A03**/MF **A01**

**LIDS-P-1447**
Optimally Robust Redundancy Relations for Failure in Uncertain Systems,
AD-A152 921/3 **15**-*534,428* PC **A03**/MF **A01**

**LIDS-P-1456**
Optimal Bayesian Estimators for Image Segmentation and Surface Reconstruction.
AD-A155 732/1 **19**-*543,033* PC **A02**/MF **A01**

**LIDS-P-1473**
Communication Complexity of Distributed Shortest Path Algorithms,
AD-A156 049/9 **21**-*548,779* PC **A03**/MF **A01**

**LIDS-P-1490**
Finding Parity in a Broadcast Network,
AD-A158 568/6 **25**-*558,876* PC **A02**/MF **A01**

**LIDS-SR-1401**
Asymptotic Methods for the Analysis, Estimation, and Control of Stochastic Dynamic Systems.
AD-A147 758/7 **04**-*509,483* PC **A03**/MF **A01**

**LIDS-TH-1396**
Design and Performance Analysis of an Arbiter for a Multi-Processor Shared-Memory System.
AD-A146 074/0 **01**-*501,293* PC **A06**/MF **A01**

**LIDS-TH-1415**
Asynchronous Distributed Flow Control Algorithms.
AD-A148 452/6 **05**-*511,485* PC **A09**/MF **A01**

**LIDS-TH-1416**
Transmission Scheduling to Reduce Convex Delay Costs in Packet Networks.
AD-A148 451/8 **05**-*512,147* PC **A04**/MF **A01**

**LIDS-TH-1424**
Problems in Decentralized Decision making and Computation.
AD-A150 025/5 **09**-*519,107* PC **A12**/MF **A01**

**LIDS-TH-1470**
Broadcasting Topology and Routing Information in Computer Networks.
AD-A155 668/7 **19**-*543,028* PC **A05**/MF **A01**

**LINCOLN INSTITUTE MONO-81-6**
Economics of Integrated Rural Development,
PB85-154748 **10**-*522,292* PC **A04**/MF **A01**

**LIR/03-85/122**
Determination of Solids and Water Content of Highly Concentrated Sludge Slurries and Cakes.
PB85-182624 **15**-*534,198* PC **A02**/MF **A01**

**LIR/5-84/4**
Waste Treatment by Innovative Flotation-Filtration (Sandfloat) and Oxygenation-Ozonation (Oxyozosynthesis) Processes,
PB85-174738 **13**-*529,679* PC **A09**/MF **A01**

**LIR/06-82/1**
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PB85-182616 **16**-*536,259* PC **A03**/MF **A01**

**LIR/08-84/1**
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PB85-215317 **20**-*545,708* PC **A06**/MF **A01**

**LIR/08-84/2**
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PB85-209401 **19**-*543,509* PC **A03**/MF **A01**

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DE85751512 **17**-*537,148* PC **A03**/MF **A01**

**LISS-8**
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AD-A149 598/5 **09**-*520,175* PC **A03**/MF **A01**

**LISS-10**
Methods of Progressing Waves in Turbulent Media with Applications to Acoustics.
AD-A149 599/3 **09**-*519,430* PC **A03**/MF **A01**

**LISS-11**
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**LISS-12**
Coding Capacity of Mismatched Gaussian Channels.
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DE85750441 **20**-*545,310* PC **A03**/MF **A01**

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DE85751455 **17**-*538,179* PC **A06**/MF **A01**

**LITH-IKP-R-332**
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DE85751454 **17**-*538,150* PC **A08**/MF **A01**

**LITH-IKP-R-334**
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DE85752504 **26**-*560,798* PC **A04**/MF **A01**

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**LMI-ML323**
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**LMI-ML403**
Test Equipment Management.
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**LMI-ML405**
Improving the Defense Energy Information System (DEIS),
AD-A153 524/4 **16**-*535,431* PC **A03**/MF **A01**

**LMI-ML420**
Stock Fund Operations in the Department of Defense,
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**LMI-ML430**
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**LMI-ML509**
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Defense Financial and Investment Review. Appendix 2. Facilities Capital As a Factor in Contract Pricing.
AD-A158 245/1 **24**-*554,766* PC **A06**/MF **A01**

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N85-11376/9 **04**-*509,736* PC **A99**/MF **A01**

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**LP-207**
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**LYCEN-8222**
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DE85750631 **17**-*539,019* PC **A05**/MF **A01**

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**M-37**

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**M-136**

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**M-458**

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**M-464**

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**M-471**

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**M-475**

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**M-476**

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**M-484**

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**M-485**

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**M-489**

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**M-495**

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Evaluation of End-Cap-Less Tensile Specimen for Explosive Testing.
DE85001805 **04**-*509,767* PC **A02**/MF **A01**

**MHSMP-84-37**
Interim Total Containment Test Fire Facility, Pantex Plant, Amarillo, Texas.
DE85002652 **08**-*517,722* PC **A04**/MF **A01**

**MHSMP-85-04**
Explosive Containment Study.
DE85011719 **19**-*543,967* PC **A02**/MF **A01**

**MHSMP-85-06**
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**MHSMP-85-17**
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PB85-117711 **03**-*506,560* PC **E04**/MF **E04**

**MIDOT/MDOS/FHWA-84/1**
Archaeological Investigations in the Lower St. Joseph River Valley, Berrien County, Michigan: The US-31 Berrien County Freeway Project.
PB85-114288 **02**-*503,067* PC **A99**/MF **E06**

**MIMEO-SER-1545**
Asymptotically Efficient Solution to the Bandwidth Problem of Kernel Density Estimation. Revision.
AD-A149 600/9 **09**-*519,431* PC **A03**/MF **A01**

**MIMEO SER-1555**
Conditional Regression Models for Transient State Survival Analysis.
AD-A147 872/6 **04**-*508,485* PC **A02**/MF **A01**

**MIMEO SER-1556**
Analysis of Multi-Item Inventory Problem Using Optimal Policy Surface,
AD-A148 122/5 **04**-*509,538* PC **A03**/MF **A01**

**MIMEO SER-1557**
EM Algorithm for Censored Data.
AD-A148 136/5 **04**-*509,505* PC **A02**/MF **A01**

**MIMEO SER-1558**
Numerical Analysis of Sampling Plans Based on Prior Distribution and Costs.
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**MIMEO SER-1559**
Performance of Variable Sampling Plans when the Normal Distribution is Truncated.
AD-A147 717/3 **04**-*509,480* PC **A02**/MF **A01**

**MIMEO-SER-1562**
Note on Some Simple Influence Diagnostics in Accelerated Life Testing.
AD-A149 593/6 **09**-*519,786* PC **A03**/MF **A01**

**MIMEO-SER-1571**
Some New Estimation Methods for Weighted Regression When There are Possible Outliers.
AD-A152 104/6 **13**-*529,553* PC **A03**/MF **A01**

**MINTEK-M6**
Comparative Study of the Effects of Changes in Liner Patterns and Mill Speeds on Rod-Mill Parameters,
PB85-119543 **04**-*509,010* PC **E04**/MF **E01**

**MINTEK-M14D**
Liberation and Size Distribution of Products from the Plants at the Black Mountain Mine,
PB85-170728 **13**-*529,091* PC **E03**/MF **E01**

**MINTEK-M42D**
Recovery of Tantalite and Cassiterite from a Bulk Sample of Pegmatite Supplied by Falconbridge Explorations Limited,
PB85-119576 **04**-*509,011* PC **E03**/MF **E01**

**MINTEK-M43D**
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PB85-105815 **02**-*503,720* PC **E03**/MF **E01**

**MINTEK-M46D**
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PB85-105419 **02**-*503,719* PC **E03**/MF **E01**

**MINTEK-M58D**
Electrochemical Process for the Recycling of Tungsten Carbide Scrap,
PB85-122950 **04**-*509,348* PC **E04**/MF **E01**

**MINTEK-M59D**
Testwork on Samples of Oxidized Ore from the Potgietersrus Prospect,
PB85-105393 **02**-*503,718* PC **E04**/MF **E01**

**MINTEK-M60D**
Production of Electrolytic Manganese Dioxide from Furnace Sludge,
PB85-120269 **04**-*509,345* PC **E04**/MF **E01**

**MINTEK-M64D**
Isotope-Source Neutron-Activation Analysis for the Determination of Manganese in Bulk Samples,
PB85-119733 **04**-*508,833* PC **E04**/MF **E01**

**MINTEK-M128**
Determination of Cyanide in Hydrometallurgical Process Solutions and Effluents by Ion Chromatography,
PB85-108231 **01**-*501,120* PC **E04**/MF **E01**

**MINTEK-M132**
Mineralogical Parameters Influencing the Acid-Bacterial Leachability of Low-Grade Nickel Ores,
PB85-110997 **03**-*506,026* PC **E03**/MF **E01**

**MINTEK-M133**
Binding Mechanisms in Chromite Briquettes at Low and High Temperatures,
PB85-146322 **08**-*516,540* PC **E04**/MF **E01**

**MINTEK-M134**
NIMROC Reference Materials: Revised Values for Thorium, Yttrium, Lanthanum, and the Rare-Earth Elements,
PB85-169290 **14**-*531,516* PC **E04**/MF **E01**

**MINTEK-M141**
Development of a Modified Milling Technique for the Treatment of Andalusite-Bearing Shales,
PB85-105989 **02**-*503,721* PC **E04**/MF **E01**

**MINTEK-M144**
Development of Standard Procedures for the Evaluation of Magnetite for Use in Heavy-Medium Separation,
PB85-110468 **03**-*506,025* PC **E04**/MF **E01**

**MINTEK-M145**
Preliminary Study of the Mineralogy of the Nickel Occurrence at Mabilikwe Hill, Northern Transvaal,
PB85-105831 **01**-*501,178* PC **E03**/MF **E01**

**MINTEK-M146**
Determination, by X-Ray-Fluorescence Spectrometry, of Tin and Zinc in Ores, Middlings, and Residues (Laboratory Method No. 30/16),
PB85-105823 **01**-*501,112* PC **E03**/MF **E01**

**MINTEK-M147**
Development of a System for the Measurement of the Pulp-Froth Level in Flotation,
PB85-120244 **04**-*509,473* PC **E03**/MF **E01**

**MINTEK-M150**
Energy Transfer in the Hearths of Submerged-Arc Furnaces,
PB85-175529 **14**-*531,998* PC **E04**/MF **E01**

**MINTEK-M151**
Preliminary Investigation of the Initiation of Pitting Corrosion in Austenitic Stainless Steels and Nickel-Based Alloys,
PB85-170736 **13**-*529,499* PC **E04**/MF **E01**

**MINTEK-M153**
Determination, by Ion Chromatography, of Chlorine, Bromine, Phosphorus, and Sulphur in Organic Materials Laboratory Method No. 17/10,
PB85-146330 **08**-*516,457* PC **E03**/MF **E01**

**MINTEK-M156**
Kinetic Study of the Reactions of Certain Gaseous Sulphur Compounds with Iron,
PB85-190916 **16**-*535,882* PC **E04**/MF **E01**

**MINTEK-M157**
Reaction Mechanisms in the Reduction of Winterveld Chrome Spinel with Graphite and Carbon,
PB85-173474 **13**-*529,504* PC **E04**/MF **E01**

**MINTEK-M161**
Improved Recoveries of Gold from Auriferous Calcines and Pyrites by Fine Milling,
PB85-210458 **20**-*545,155* PC **E03**/MF **E01**

**MINTEK-M165**
Development of an Improved On-Line Gold Analyser,
PB85-159366 **11**-*524,818* PC **E04**/MF **E01**

**MINTEK-M-169**
Preparation of Three South African Coals for Use as Reference Materials.
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**MINTEK-M171**
Development of a Versatile Computer Programme for the Evaluation of Batch-Flotation Results,
PB85-210466 **20**-*545,156* PC **E03**/MF **E01**

**MINTEK-M-172**
Computer Programmes for the Control and Data Manipulation of a Sequential X-Ray-Fluorescence Spectrometer.
DE85702042 **25**-*558,807* PC **A02**/MF **A01**

Computer Programmes for the Control and Data Manipulation of a Sequential X-Ray-Fluorescence Spectrometer,
PB85-181451 **15**-*534,389* PC **E03**/MF **E01**

**MINTEK-M177**
Proposed Test for the Determination of the Grindability of Fine Materials,
PB85-178952 **14**-*531,602* PC **E03**/MF **E01**

**MINTEK-M178**
Reduction of Chromite in a Transferred-Arc Plasma Furnace,
PB85-217685 **22**-*550,477* PC **E03**/MF **E01**

**MINTEK-M179**
Optimization of an Inductively Coupled Plasma by the Simplex Method,
PB85-232411 **23**-*553,707* PC **E04**/MF **E01**

**MINTEK-M182**
Techno-Economic Evaluation of Five Routes for the Comminution of Gold Ores in South Africa,
PB85-224137 **22**-*550,147* PC **E04**/MF **E01**

**MINTEK-M183**
Determination of Molybdenum and Tungsten in Resin by X-Ray-Fluorescence Spectrometry,
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**MINTEK-M184**
Analysis of Silicates, Ores, Slags, and Other Materials by X-ray-Fluorescence Spectrometry Laboratory Method No. 0/24,
PB85-232403 **23**-*552,567* PC **E03**/MF **E01**

**MINTEK-M188**
Determination of Relative Sensitivity Factors for Use in Spark-Source Mass Spectrometry,
PB85-216620 **20**-*545,016* PC **E03**/MF **E01**

**MINTEK-M190**
Preparation and Certification of a South African Phosphate Concentrate for Use as a Reference Material,
PB85-232387 **23**-*552,566* PC **E04**/MF **E01**

**MINTEK-M191**
Agglomeration of Fine Material for Bacterial Heap Leaching,
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**MINTEK-M197**
Computer Programme to Monitor the Performance of an X-ray-Fluorescence Spectrometer,
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DE85780086 **20**-*544,991* PC **A14**/MF **A01**

**MIRA-85/01**
Measurement of Loads Occurring in the Ball Hitch Coupling of Several Car-Caravan Configurations,
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**MIRA-85/02**
Investigation into Factors Affecting the Accuracy of Fuel Consumption Measurements Carried out to the ECE Procedure,
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**MIRA-85/03**
Further Assessment of the Loads in Ball Couplings for Caravans and Light Trailers,
MIRA-85/03 **04**-*509,751* PC**$15.00**

**MIRA-85/04**
Factors Influencing the Stability of Car-Caravan Combinations: Summary and Recommendations,
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DE85004566 **09**-*519,405* PC **A04**/MF **A01**

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PB85-144244 **07**-*515,106* PC **A09**/MF **A01**

**MIT/EL-84/008**
Eulerian-Lagrangian Analysis of Pollutant Transport in Shallow Water.
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PB85-145092 **08**-*517,663* PC **A06**/MF **A01**

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PB85-144251 **07**-*515,470* PC **A22**/MF **A01**

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PB85-142719 **07**-*514,738* PC **A08**/MF **A01**

**MIT/EL-84/013**
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Naming and Directory Issues in Message Transfer System.
AD-A154 727/2 **18**-*541,390* PC **A03**/MF **A01**

**MIT/LCS/TM-264**
Software for Interactive On-Line Conferences.
AD-A154 742/1 **18**-*540,580* PC **A03**/MF **A01**

**MIT/LCS/TM-265**
New Fault-Tolerant Algorithm for Clock Synchronization.
AD-A154 771/0 **18**-*540,583* PC **A03**/MF **A01**

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Proposal for a Small Scheme Implementation.
AD-A148 707/3 **06**-*513,421* PC **A03**/MF **A01**

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AD-A148 696/8 **06**-*513,680* PC **A02**/MF **A01**

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AD-A154 809/8 **18**-*540,901* PC **A03**/MF **A01**

**MIT/LCS/TM-275**
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AD-A154 770/2 **18**-*540,582* PC **A02**/MF **A01**

**MIT/LCS/TM-276**
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AD-A156 541/5 **21**-*547,954* PC **A03**/MF **A01**

**MIT/LCS/TM-277**
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AD-A156 241/2 **21**-*547,944* PC **A02**/MF **A01**

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**MIT/LCS/TR-319**
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**MIT/LCS/TR-326**
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AD-A150 562/7 **10**-*521,949* PC **A06**/MF **A01**

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**MIT/LCS/TR-331**
Distributed Name Management.
AD-A154 785/0 **18**-*540,585* PC **A08**/MF **A01**

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AD-A154 773/6 **18**-*540,584* PC **A06**/MF **A01**

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**MLM-3181(OP)**
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**MLM-3182(OP)**
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DE84016939 **02**-*504,412* PC **A02**/MF **A01**

**MLM-3191(OP)**
Wet Offgas Scrubbing for Radwaste Thermal Processing.
DE85002120 **05**-*512,278* PC **A02**/MF **A01**

**MLM-3192(OP)**
Proton NMR and Susceptibility Measurements in TiCoH/sub X/.
DE85003309 **09**-*520,728* PC **A02**/MF **A01**

**MLM-3193**
Production of HD Gas by Controlled Reaction of LiAlD sub 4 and H sub 2 O.
DE85000420 **07**-*514,675* PC **A02**/MF **A01**

**MLM-3195**
Mound Activities in Chemical and Physical Research: January-June 1984.
DE85002552 **07**-*515,340* PC **A03**/MF **A01**

**MLM-3198(OP)**
Automated Servo Controlled Calorimetry.
DE85002527 **07**-*515,206* PC **A02**/MF **A01**

**MLM-3199**
Calorimetric and X-Ray Diffraction Study of the Crystalline and Amorphous Titanium Copper Hydride Systems.
DE85004450 **08**-*517,737* PC **A03**/MF **A01**

**MLM-3200**
Chemical Cleaning of 304 and 304-L Stainless Steel Surfaces by the Nitradd Passivation Process.
DE85003714 **08**-*516,895* PC **A02**/MF **A01**

**MLM-3213**
Low Jitter Trigger for an Excimer Laser.
DE85005732 **11**-*525,367* PC **A02**/MF **A01**

**MLM-3214(OP)**
Fast Times at High Temperatures.
DE85003306 **09**-*519,813* PC **A02**/MF **A01**

**MLM-3215(OP)**
Thermal Profiles of Thermite Reactions.
DE85003308 **08**-*518,188* PC **A02**/MF **A01**

**MLM-3216(OP)**
Infrared Thermography of Burn Front Propagation in Heat Powders.
DE85003307 **08**-*518,187* PC **A02**/MF **A01**

**MLM-3217(OP)**
Application of 5700.6B, Quality Assurance, to ES and H Programs: Mound's Approach and Results.
DE85003304 **09**-*518,743* PC **A02**

**MLM-3218(OP)**
Outdoor Radon Monitoring at DOE Remedial Action Sites.
DE85003305 **09**-*520,068* PC **A02**/MF **A01**

**MLM-3219(OP)**
Effects of Hydrogen on Magnetic Properties of Amorphous Zirconium Alloys.
DE85003303 **09**-*520,727* PC **A03**/MF **A01**

**MLM-3224(OP)**
Analysis of Alternate Hydrogen Sources for Lunar Manufacture.
DE85007234 **13**-*530,704* PC **A02**/MF **A01**

**MLM-3225(OP)**
Digitizing of Drop Table Output.
DE85006702 **13**-*529,811* PC **A02**/MF **A01**

**MLM-3226**
Nuclear Magnetic Resonance Study of the Rearrangement of 2-(5-Cyanotetrazolato)Pentaammine Cobalt (III) Perchlorate.
DE85008915 **14**-*531,497* PC **A02**/MF **A01**

**MLM-3227**
Evaluation of beta Backscatter and Eddy Current Measurement of Kapton Film Metallization.
DE85007792 **13**-*529,445* PC **A02**/MF **A01**

**MLM-3229**
Evaluation of Operating Experience for Low-Level Nuclear Waste Processing: Glass Furnace Project Final Report.
DE85008331 **14**-*532,476* PC **A04**/MF **A01**

**MLM-3234**
Stable Isotope Sales: Mound Customer and Shipment Summaries, FY1983.
DE85010209 **17**-*538,879* PC **A02**/MF **A01**

**MLM-3235(OP)**
Nuclear Magnetic Resonance Study of the Intramolecular Rearrangement of 2-(5-Cyanotetrazolato)Pentaammine Cobalt (III) Perchlorate.
DE85010810 **20**-*546,470* PC **A02**/MF **A01**

**MLM-3236(OP)**
Compatibility, Contamination and IR Microspectrophotometry.
DE85010809 **18**-*541,627* PC **A02**/MF **A01**

**MLM-3237(OP)**
DOT Specification 7A Type A Packaging Certification Study: Getting Ready for July 1, 1985.
DE85010808 **18**-*541,517* PC **A02**/MF **A01**

**MLM-3238(OP)**
Electrochemistry of Hexanitroazobenzene (HNAB).
DE85010807 **19**-*543,961* PC **A02**/MF **A01**

**MLM-3239(OP)**
Burn Rates of Explosives at High Pressures.
DE85010806 **18**-*541,626* PC **A02**/MF **A01**

**MLM-3240(OP)**
Thermal Expansion Coefficients of a 30% Glass Fiber Filled PEEK Pyrotechnic Charge Holder.
DE85010805 **18**-*541,625* PC **A02**/MF **A01**

**MLM-3241(OP)**
X-Ray Photoelectron Spectroscopy Study of the Compatibility of the Explosive PETN with Candidate Plastic Bonding Materials.
DE85010804 **18**-*541,624* PC **A02**/MF **A01**

**MLM-3246**
Environmental Monitoring at Mound: 1984 Report.
DE85010857 **19**-*543,902* PC **A04**/MF **A01**

**MLM-3247**
MRC-Mound Decontamination and Decommissioning Safety Program: Problems and Solutions.
DE85012569 **19**-*543,886* PC **A02**/MF **A01**

**MLM-3248**
Neutron Flux, Spectrum, and Dose Equivalent Measurements for a 4500-W(TH) sup 238 PuO sub 2 General Purpose Heat Source.
DE85011361 **19**-*543,956* PC **A02**/MF **A01**

**MLM-3249**
Differential Scanning Calorimetry Studies of Amorphous and Crystalline Zr sub 2 PdH/sub X/ and ZrRhH/sub X/.
DE85012574 **20**-*545,458* PC **A03**/MF **A01**

**MLM-3250(OP)**
Forming of Metal Components for Radioisotope Heat Sources.
DE85011281 **20**-*546,459* MF **A01**

**MLM-3252**
Friction, Impact, and Electrostatic Discharge Sensitivities of Energetic Materials.
DE85013321 **21**-*548,994* PC **A02**/MF **A01**

**MLM-3254**
Outdoor Radon Monitoring at Canonsburg, Pennsylvania, 1980-1983.
DE85013320 **22**-*551,173* PC **A03**/MF **A01**

**MLM-3258**
Mound Activities in Chemical and Physical Research: July-December 1984.
DE85014402 **22**-*550,011* PC **A03**/MF **A01**

**MLM-3264(OP)**
IBM PC Based Thermal Analysis Mass Spectrometer (TA/MS).
DE85013801 **23**-*554,112* PC **A02**/MF **A01**

**MLM-3267**
In-Situ Vacuum-Assisted Molding of Glass-Metal Electrical Components.
DE85015607 **24**-*555,695* PC **A02**/MF **A01**

**MLM-3268**
Injection Molding-Sealing of Glass to Low Melting Metals.
DE85015613 **24**-*555,696* PC **A02**/MF **A01**

**MLM-3271(OP)**
Infrared Thermography: An Analytical Tool for High Temperature and Fast Response.
DE85013826 **23**-*553,655* PC **A02**/MF **A01**

**MLM-3272**
Physical Property Changes of a Lithia-Alumina-Silica Based Glass as a Function of Composition.
DE85015610 **24**-*557,044* PC **A03**/MF **A01**

**MLM-3273(OP)**
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**MLM-3274**
In-Line X-Ray Fluorescence Analysis of Special Nuclear Materials in Dissolver Solution: Materials Development, Laboratory Simulation and Parameterization.
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**MLM-3276**
Precessions of the Earth and the Bohr Atom.
DE85015612 **26**-*560,095* PC **A03**/MF **A01**

**MLM-3277**
Operational Methods for Data Interpolation.
DE85016050 **25**-*558,181* PC **A03**/MF **A01**

**MLM-3278(OP)**
Demonstration of the in-Field Use of Calorimetric Assay for IAEA (International Atomic Energy Agency) Inspection Purposes.
DE85016448 **26**-*561,619* PC **A02**/MF **A01**

**MLM-3280(OP)**
Component Test Facility.
DE85016445 **26**-*561,664* PC **A02**/MF **A01**

**MLM-3281(OP)**
Metallography of Titanium Boride.
DE85016450 **25**-*558,375* PC **A02**/MF **A01**

**MLM-3283**
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DE85016793 **25**-*559,926* PC **A02**/MF **A01**

**MLM-3285(OP)**
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DE85016446 **26**-*561,272* PC **A02**/MF **A01**

**MLM-3287**
Energy Response of the De Pangher Precision Long Counter.
DE85016980 **26**-*561,396* PC **A02**/MF **A01**

**MLM-3291(OP)**
Mechanism of Failure of Two Pyrotechnic Components.
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AD-A150 802/7 **11**-*524,443* PC **A14**/MF **A01**

**MMC-83/06**
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**MMC-84/01**
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PB85-150076 **08**-*516,470* PC **A02**/MF **A01**

**MMC-84/02**
United States and International Authorities Applicable to Entanglement of Marine Mammals and Other Organisms in Lost or Discarded Fishing Gear and Other Debris.
PB85-160471 **10**-*521,802* PC **A04**/MF **A01**

**MMC-84/03**
Some Factors Affecting the Oil Spill Risk to Sea Otters in California.
PB85-174035 **12**-*526,739* PC **A04**/MF **A01**

**MMC-84/04**
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**MMC-84/05**
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**MMC-84/06**
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PB85-225613 **22**-*550,060* PC **A06**/MF **A01**

**MML-TR-84-54(C)**
Mechanical Properties of Adhesively Bonded Aluminum Structures Protected with Hydration Inhibitors.
AD-A148 123/3 **04**-*509,350* PC **A04**/MF **A01**

**MML-TR-85-7(C)**
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AD-A153 755/4 **16**-*536,316* PC **A05**/MF **A01**

**MML-TR85-39(C)**
Delayed Fracture of Aluminum Alloys.
AD-A158 944/9 **25**-*558,421* PC **A03**/MF **A01**

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PB85-175735 **14**-*531,186* PC **A06**/MF **A01**

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DE85012386 **24**-*555,744* PC **A05**/MF **A01**

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DE84752304 **09**-*520,448* PC **A02**/MF **A01**

**MPI-PAE/EXP.EL.-129**

Recent Progress in BGO Development for High Resolution Calorimetry.
DE85750017 **20**-*546,145* PC **A02**/MF **A01**

**MPI-PAE/EXP.EL.-130**

Concept for a Hadron Calorimeter with Photodiode Readout.
DE85750009 **20**-*546,143* PC **A02**/MF **A01**

**MPI-PAE/EXP.EL.-131**

Improvements in Photodiode Readout for Small CsI(T1) Crystals.
DE85750016 **20**-*546,144* PC **A02**/MF **A01**

**MPI-PAE/EXP.EL.-132**

Tower Structured Scintillator-Lead Photon Calorimeter Using a Novel Fiber Optics Readout System.
DE85750302 **16**-*536,570* PC **A02**/MF **A01**

**MPI-PAE/EXP.EL.-133**

Beam Tube Chamber of the CELLO Detector.
DE85750482 **20**-*546,147* PC **A05**/MF **A01**

**MPI-PAE/EXP.EL.-134**

W And Q exp 2 Dependence of Fragmentation Functions as Measured in Leptoproduction.
DE85750517 **20**-*546,754* PC **A02**/MF **A01**

**MPI-PAE/EXP.EL.-135**

Silicon Detectors.
DE85750519 **16**-*536,572* PC **A03**/MF **A01**

**MPI-PAE/EXP.EL.-136**

Results from a CsI(Tl) Test Calorimeter with Photodiode Readout Between 1 and 20 GeV.
DE85750516 **16**-*536,571* PC **A03**/MF **A01**

**MPI-PAE/EXP.EL.-137**

Evidence for Bsup(*) Production from the Observation of Monochromatic 50 MeV Photons in E exp + E exp - Interactions Between 10.6 and 11.2 GeV/C exp 2.
DE85750515 **20**-*546,753* PC **A02**/MF **A01**

**MPI-PAE/EXP.EL.-138**
New Results on Hadron Production in Lepton-Nucleon and Lepton-Nucleus Scattering.
DE85780753 **20**-*546,816* PC **A02**/MF **A01**

**MPI-PAE/EXP.EL.-139**
Search for New Particles at PETRA.
DE85780752 **20**-*546,815* PC **A03**/MF **A01**

**MPI-PAE/EXP.EL.-140**
Measurement of Semileptonic Decays of the tau Lepton.
DE85750702 **20**-*546,757* PC **A06**/MF **A01**

**MPI-PAE/EXP.EL.-141**
K sup 0 / pi sup - Ratio and Strangeness Suppression in nu p and Anti nu p Charged Current Interactions.
DE85751000 **20**-*546,760* PC **A03**/MF **A01**

**MPI-PAE/EXP.EL.-143**
Forward Particle Production in pi exp - p and K exp - p Collisions at 58 GeV/C and Comparison with Quark Models.
DE85752207 **25**-*559,637* PC **A04**/MF **A01**

**MPI-PAE/EXP.EL.-144**
Search for New Particles in E exp + E exp - Annihilation.
DE85751537 **20**-*546,804* PC **A02**/MF **A01**

**MPI-PAE/EXP.EL.-146**
Polarization of lambda Hyperons Produced Inclusively in nu p and Anti nu p Charged Current Interactions.
DE85752024 **25**-*559,634* PC **A02**/MF **A01**

**MPI-PAE/EXP.EL.-147**
Some Possible Improvements in Scintillation Calorimeters.
DE85752027 **25**-*558,995* PC **A02**/MF **A01**

**MPI-PAE/EXP.EL.-148**
Observation of Bsup(*) Production in E exp + E exp - Interactions Above the B-Flavor Threshold.
DE85752025 **25**-*559,635* PC **A02**/MF **A01**

**MPI-PAE/EXP.EL.-149**
Scintillator-Lead Photon Calorimeter Using Optical Fiber Readout Systems.
DE85752026 **25**-*558,994* PC **A02**/MF **A01**

**-MPI-PAE/PTH---70/84**
New Directions in High Energy Physics.
DE85750787 **15**-*534,957* PC **A02**/MF **A01**

**-MPI-PAE/PTH---71/84**
Theoretical Implications of Recent Collider Results.
DE85750992 **19**-*544,160* PC **A02**/MF **A01**

**-MPI-PAE/PTH---76/84**
Tests and Present Status of Gauge Theories.
DE85752006 **25**-*559,626* PC **A06**/MF **A01**

**MPIS-MITT-78**
Planar Jets Impinging on Various Obstacles and Some Modes of Flow Oscillation.
N85-10317/4 **03**-*507,314* PC **A16**/MF **A01**

**MPIS-1/1984**
Untersuchung der Beitraege Chemischer und van-der Waals Kraefte Auf die Wechselwirkung von Fluor-Atomen MIT AR, Kr und Xe Aus Molekularstrahlstreuuntersuchungen Integraler Streuquerschnitte (Study of the Contributions of Chemical and van der Waal Forces to Interaction Between Fluorine and Ar, Kr and Xe, Using Molecular Beam Scattering Investigations of Integral Scattering Cross Sections).
N84-34248/4 **01**-*501,077* PC **A09**/MF **A01**

**MPIS-2/1984**
Energietransfer bei Atom-Molekuel-Stoessenuebertherrmischer Stossenergie (Energy Transfer in Atom-Molecule Collisions with Suprathermal Collision Energy).
N84-34249/2 **01**-*501,078* PC **A06**/MF **A01**

**MPIS-4/1984**
Untersuchung von Reaktionen des Methylen-Radiakals MIT Hilfe Eines Fir-Lmr-Spektrometers (Investigation of Reactions of the Methylene Radical by Means of a Far Infrared-Laser Magnetic Resonance (Fir-Lmr) Spectrometer).
N84-34588/3 **02**-*503,593* PC **A04**/MF **A01**

**MPIS-5/1984**
Photodissoziation von H2O bei 157 mm: Zustandsverteilung und Raeumliche Orientierung des OH (X2pi) Zerfallprodukts (Photodissociation of H2O at 15 NM: State Distribution and Spatial Orientation of the OH (X2pi) Decay Products).
N84-33552/0 **01**-*501,070* PC **A05**/MF **A01**

**MPIS-8/1984**
Streuexperimente Zur Wechselwirkung von Angeregten Atomen: Differentielle Querschnitte des Systems NA (3P) + K(4S) (Scattering Experiments on Interactions of Excited Atoms: Differential Cross Sections of the System Na (3P) + K(4S)).
N85-14677/7 **08**-*516,427* PC **A06**/MF **A01**

**MPIS-9/1984**
Rotationsinelastic Streuung von He-Atoms an HF-, HCl-, CF4-, SF6-, C2H6- und C2F6-Molekuelen (Rotational Inelastic Scattering of He-Atoms at HF-, HCl-, CF4-, SF6-, C2H6- and C2F6-Molecules).
N85-13590/3 **07**-*514,710* PC **A10**/MF **A01**

**MPIS-10/1983**
Messung Differentieller Streuquerschnitte fuer die Anregung Magnetischer Unterniveaus bei Stoessen von Kalium MIT Quecksilber (Measurement of Magnetic Sublevel Differential Scattering Cross Sections for Potassium and Mercury).
N85-10815/7 **03**-*505,889* PC **A06**/MF **A01**

**MPIS-10/1984,**
Klassische Regenbogenstreuung von Alkakiionen an Metalloberflaechen. Anwendung Auf die Untersuchung Unbekannter Oberflaechenstrukturen (Classical Rainbow Scattering of Alkali Ions on Metal Surfaces. Application to the Investigation of Unknown Surface Structures).
N85-20854/4 **14**-*531,507* PC **A09**/MF **A01**

**MPIS-11/1984,**
Hyperfeinstruktur- und Lebensdauermessungen an Elektronisch Angeregten Langlebigen Molekuelen in Einem Strahlexperiment (Hyperfine Structure and Lifetime Measurements on Electronically Excited Long-Life Molecules in a Beam Experiment).
N85-20855/1 **14**-*531,508* PC **A10**/MF **A01**

**MPIS-12/1984,**
Direkte Messung der Temperaturarhaengigkeit der Geschwindigkeit der Reaktion von Deuterium-Atomen MIT Schwingungsangeregten Wasserstoff-Molekuelen (Direct Measurement of the Temperature Dependence of the Velocity of the Reaction of Deuterium Atoms with Vibration-Excited Hydrogen Molecules).
N85-20856/9 **14**-*531,509* PC **A07**/MF **A01**

**MPIS-13/1984**
Elementarprozesse Elektronisch Angeregter Teilchn 5. Vibronische Desaktivierung Non Chf (A1a' (O, V'2, O) Nach Anregung MIT Einem Gepulsten Farbstofflaser (Elementary Processes of Electronically Excited Particles. Part 5: Deactivation of Chf (A1a' (O, V'2, O) after Excitation by a Pulsed Dye Laser).
N85-24930/8 **17**-*537,699* PC **A04**/MF **A01**

**MPIS-14/1984**
Berechnung Einer Instationaeren Transsonischen Stroemung MIT Verdichtungsstoessen und Abloesung in Lavalduesen (Calculation of an Unsteady Transonic Flow with Shock Waves and Separation in Laval Nozzles).
N85-23728/7 **17**-*539,301* PC **A04**/MF **A01**

**MPIS-15/1983**
Untersuchung der K Wechselwirkung bei Stossenergien Zwischen 0.5 und 5.7 Ev (Investigation on K (4 2P3/2) Hg Interaction at Collision Energies from 0.5 to 5.7 Ev).
N85-13589/5 **07**-*514,709* PC **A02**/MF **A01**

**MPIS-117/1983**
Zur Beruecksichtigung von Flugzeugen MIT Laermzulassung Nach Icao Annex 16 bei der Ermittllung von Laermschutzbereichen Nach Dem Gesetz Schutz Gegen Fluglaerm (The Effect of Aircraft with Noise Certificates According to Class Icao Annex 16 on the Determination of Noise Protection Domains Following the Law on Protection Against Aircraft Noise).
N84-34234/4 **01**-*500,045* PC **A02**/MF **A01**

**MPL-TM-376**
VLF (Very Low Frequency) Workshop: Held at San Diego, California on 24-25 January 1985.
AD-A154 652/2 **18**-*540,530* PC **A12**/MF **A01**

**MPL-TN-84-2**
Validation of Armed Services Vocational Aptitude Battery (ASVAB) Selection Criteria for Cryptologic Technician Collection (CTR) 'A' School.
AD-A146 466/8 **01**-*500,464* PC **A03**/MF **A01**

**MPL-TN-84-3**
Validation of the Armed Services Vocational Aptitude Battery (ASVAB) and the English Diagnostic Test (EDT) for Performance in Basic Journalist (JO) 'A' School.
AD-A146 882/6 **02**-*503,087* PC **A03**/MF **A01**

**MPL-U-7/85**
Environmental Background Measurement Program.
AD-A153 860/2 **16**-*535,920* PC **A06**/MF **A01**

**MPL-U-9/84**
The Nonlinear Spin-Up of a Stratified Ocean.
AD-A157 186/8 **23**-*552,625* PC **A03**/MF **A01**

**MPL-U-11/85**
VLF (Very Low Frequency) Workshop: Held at San Diego, California on 24-25 January 1985.
AD-A154 652/2 **18**-*540,530* PC **A12**/MF **A01**

**MPL-U-13/81**
Anomalous Absorption. Management Report for the Period 30 September-31 December 1980.
AD-A147 146/5 **02**-*503,632* PC **A02**/MF **A01**

**MPL-U-17/80**
Anomalous Absorption.
AD-A146 980/8 **02**-*503,628* PC **A02**/MF **A01**

**MPL-U-19/84**
Richardson Number Criterion for the Nonlinear Stability of Three-Dimensional Stratified Flow.
AD-A148 971/5 **07**-*515,528* PC **A02**/MF **A01**

**MPL-U-25/83**
A Model for Nonlinear Wave Interactions.
AD-A157 187/6 **23**-*552,626* PC **A02**/MF **A01**

**MPL-U-32/80**
Anomalous Absorption.
AD-A146 981/6 **02**-*503,629* PC **A02**/MF **A01**

**MPL-U-37/83**
The Role of Western Boundary Layers in Gyre-Scale Ocean Mixing.
AD-A149 109/1 **08**-*516,476* PC **A02**/MF **A01**

**MPL-U-37/84**
Remote Underwater Manipulator (RUM III).
AD-A149 144/8 **08**-*517,219* PC **A02**/MF **A01**

**MPL-U-38/80**
Anomalous Absorption. Management Report for the Period 1 April-30 June 1980.
AD-A147 147/3 **02**-*503,633* PC **A02**/MF **A01**

**MPL-U-40/81**
Anomalous Absorption. Management Report for the Period 1 January 1981 thru 31 March 1981.
AD-A147 043/4 **02**-*503,630* PC **A02**/MF **A01**

**MPL-U-58/83**
Doppler Sonar Observations of Internal Waves. The Wavenumber-Frequency Spectrum.
AD-A157 188/4 **23**-*552,627* PC **A03**/MF **A01**

**MPL-U-59/81**
A Comparison of Velocity and Attenuation between the Nicobar and Bengal Deep Sea Fans.
AD-A149 108/3 **08**-*516,549* PC **A02**/MF **A01**

**MPL-U-65/83**
An Oceanic Reverberation Model.
AD-A149 000/2 **07**-*515,515* PC **A02**/MF **A01**

**MPL-U-66/83**
Surface Projections of Array Beam Patterns.
AD-A148 999/6 **07**-*515,278* PC **A02**/MF **A01**

**MPL-U-67/80**
Anomalous Absorption. Management Report for the Period 1 July-30 September 1980.
AD-A147 145/7 **02**-*503,631* PC **A02**/MF **A01**

**MPL-U-71/84**
Active Baffle Development under ACSAS Task II Hydrophone and Inner Decoupler.
AD-A148 877/4 **07**-*515,253* PC **A02**/MF **A01**

**MPL-U-76/84**
Beam Steering of Electrically Segmented Piezo-Ceramic Ultrasonic Transducers Using Normal Mode Coupling.
AD-A157 270/0 **23**-*554,143* PC **A07**/MF **A01**

**MPQ-83**
Laser Parameter for the IR Laser Isotope Separation.
DE84752235 **11**-*525,009* PC **A02**/MF **A01**

**MPQ-88**
Improved Sensitivities in Laser Interferometers for the Detection of Gravitational Waves.
N85-13232/2 **07**-*515,574* PC **A02**/MF **A01**

**MPR-7**
Development of Acceptance Criteria for Batches of Silane Primer for External Tank Thermal Protection System Bonding Applications.
N85-13043/3 **07**-*514,681* PC **A05**/MF **A01**

**MQAD-R-849**
Characterisation of Oxide Films on Treated Aluminium Alloys.
N85-22667/8 **15**-*534,036* PC **A02**/MF **A01**

**MR-DS-01-V-1**
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N85-29619/2 **21**-*547,966* PC **A04**/MF **A01**

**MR-DS-01-V-2**
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N85-29620/0 **21**-*547,967* PC **A07**/MF **A01**

**MR-RX-5377**
Advanced Regenerative Heat Recovery System.
PB85-199602 **17**-*538,411* PC **A06**/MF **A01**

**MR-179**
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N84-35008/1 **02**-*504,131* PC **A02**/MF **A01**

**MR-10064-O1**
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DE84017365 **03**-*506,265* PC **A02**/MF **A01**

**MRC-DA-1150**
Damage Caused to Polyurethane Foams by Aging, Simulated Sunlight Exposure, Heat and Fire.
AD-A152 040/2 **13**-*529,514* PC **A13**/MF **A01**

**MRC-N-602**
Clutter Model for Space Based Radar.
AD-A150 279/8 **10**-*522,585* PC **A04**/MF **A01**

**MRC-R-360-R**
Peaceful Nuclear Explosion (PNE) Monitoring Techniques.
AD-A148 561/4 **05**-*512,219* PC **A06**/MF **A01**

**MRC-R-788**
Impact of Strong Scintillation on Space Based Radar Design. Noncoherent Detection.
AD-A153 150/8 **15**-*534,518* PC **A04**/MF **A01**

**MRC-R-796**
Currents Induced on Uninsulated Wires with Finite Conductivity.
AD-A152 191/3 **13**-*529,111* PC **A05**/MF **A01**

**MRC-R-801**
Brief Investigation of Adaptive Decision Feedback Equalization for Digital HF Links Employing PSK (Phase Shift Keying) Modulation.
AD-A157 809/5 **24**-*556,202* PC **A04**/MF **A01**

**MRC-R-806**
Merging of Non-Concentric Fireballs.
AD-A149 844/3 **09**-*519,930* PC **A05**/MF **A01**

**MRC-R-815**
Acoustic Gravity Wave Chemistry Model for the RAY-TRACE Code.
AD-A156 850/0 **22**-*551,076* PC **A03**/MF **A01**

**MRC-R-816**
Alternative Coordinate Systems for High Latitude Ionospheric Plasma Studies.
AD-A156 851/8 **22**-*551,077* PC **A04**/MF **A01**

**MRC-R-819**
Aperture Antenna Effects After Propagation through Strongly Disturbed Random Media.
AD-A155 974/9 **21**-*549,175* PC **A04**/MF **A01**

**MRC-R-845**
Nitrogen Chemistry in Sea Level Air Following Large Radiation Doses.
AD-A154 376/8 **17**-*538,889* PC **A03**/MF **A01**

**MRC-R-900**
Experimental and Analytic Characterization of Nonlinear Seismic Attenuation.
AD-A154 760/3 **18**-*540,534* PC **A05**/MF **A01**

**MRC-TSR-2719**
Existence and Uniqueness of Solutions of Hamilton-Jacobi Equations.
AD-A147 597/9 **03**-*506,520* PC **A03**/MF **A01**

**MRC-TSR-2720**
Some Applications of Penalty Functions in Mathematical Programming.
AD-A147 443/6 **03**-*506,570* PC **A03**/MF **A01**

**MRC-TSR-2721**
Model Robust Response Surface Designs: Scaling Two-Level Factorials.
AD-A147 494/9 **03**-*506,514* PC **A03**/MF **A01**

**MRC-TSR-2722**
Factor Analysis for Time Series.
AD-A147 495/6 **03**-*506,515* PC **A04**/MF **A01**

**MRC-TSR-2723**
Viscosity Solutions of Hamilton-Jacobi Equations at the Boundary.
AD-A147 444/4 **03**-*506,510* PC **A02**/MF **A01**

**MRC-TSR-2724**
Nonlinear Semigroups and Evolution Governed by Accretive Operators.
AD-A147 556/5 **03**-*506,518* PC **A04**/MF **A01**

**MRC-TSR-2725**
Asymptotic Analysis of a Transient p-n Junction Model.
AD-A147 270/3 **03**-*506,054* PC **A03**/MF **A01**

**MRC-TSR-2726**
Theory of Optimal Confidence Limits for Systems Reliability with Counterexamples for Results on Optimal Confidence Limits for Series Systems.
AD-A147 236/4 **03**-*506,845* PC **A02**/MF **A01**

**MRC-TSR-2727**
Asymptotic Behaviour of the Plasma Equation.
AD-A147 242/2 **03**-*507,625* PC **A04**/MF **A01**

**MRC-TSR-2728**
Self Similar Solutions for a Degenerate Cauchy Problem.
AD-A147 241/4 **03**-*506,495* PC **A02**/MF **A01**

**MRC-TSR-2729**
Response Surface Designs.
AD-A147 202/6 **03**-*506,492* PC **A03**/MF **A01**

**MRC-TSR-2730**
Existence of Slow Steady Flows of Viscoelastic Fluids with Differential Constitutive Equations.
AD-A147 240/6 **03**-*507,286* PC **A02**/MF **A01**

**MRC-TSR-2731**
Asymptotic Analysis of Travelling Shocks and Phase Boundaries in Elastic Bars.
AD-A147 239/8 **03**-*507,733* PC **A02**/MF **A01**

**MRC-TSR-2732**
Lindstrom-Madden Method for Series Systems with Repeated Components.
AD-A146 265/4 **01**-*501,638* PC **A02**/MF **A01**
Lindstrom-Madden Method for Series Systems with Repeated Components.
AD-A147 238/0 **03**-*506,494* PC **A02**/MF **A01**

**MRC-TSR-2733**
Dual Quadratic Programming Algorithm.
AD-A147 237/2 **03**-*506,567* PC **A02**/MF **A01**

**MRC-TSR-2734**
Stable Monotone Variational Inequalities.
AD-A147 123/4 **02**-*504,120* PC **A04**/MF **A01**

**MRC-TSR-2735**
Resistance and Mobility Functions of Two Equal Spheres in Low Reynolds Number Flow.
AD-A147 301/6 **03**-*507,291* PC **A04**/MF **A01**

**MRC-TSR-2736**
Invariant Measure for the Equation u sub tt - u sub xx + u3 = 0.
AD-A147 300/8 **03**-*506,500* PC **A02**/MF **A01**

**MRC-TSR-2737**
Iterative Scheme for Linear Complementarity Problems.
AD-A147 464/2 **03**-*506,572* PC **A02**/MF **A01**

**MRC-TSR-2738**
Belief Structures.
AD-A147 526/8 **03**-*506,517* PC **A02**/MF **A01**

**MRC-TSR-2739**
Sedimentation of Two Arbitrarily Oriented Spheroids in a Viscous Fluid.
AD-A147 303/2 **03**-*505,827* PC **A03**/MF **A01**

**MRC-TSR-2740**
Stability of Rigid Motions and Rollers in Bicomponent Flows of Immiscible Liquids.
AD-A147 302/4 **03**-*507,292* PC **A03**/MF **A01**

**MRC-TSR-2741**
Splitting Methods for the Numerical Solution of the Incompressible Navier-Stokes Equations.
AD-A147 463/4 **03**-*507,296* PC **A03**/MF **A01**

**MRC-TSR-2742**
Regularity of the Free Boundary for the Porous Medium Equation.
AD-A147 299/2 **03**-*507,767* PC **A02**/MF **A01**

**MRC-TSR-2743**
Counterexample to a Result of Strang and Fix Concerning Controlled Approximation.
AD-A147 360/2 **03**-*506,506* PC **A02**/MF **A01**

**MRC-TSR-2744**
Stable Evaluation of Multivariate B-Splines.
AD-A147 386/7 **03**-*506,507* PC **A02**/MF **A01**

**MRC-TSR-2745**
Local Behaviour of Solutions of Degenerate Parabolic Equations with Measurable Coefficients.
AD-A147 412/1 **03**-*506,509* PC **A05**/MF **A01**

**MRC-TSR-2746**
Analyzing Two-Level Fractional Factorial Experiments for Possible Dispersion Effects.
AD-A149 455/8 **08**-*516,943* PC **A03**/MF **A01**

**MRC-TSR-2747**
Local Behavior of Solutions of an Elliptic-Parabolic Equation.
AD-A149 624/9 **09**-*520,192* PC **A03**/MF **A01**

**MRC-TSR-2748**
Periodic Solutions of Prescribed Energy for a Class of Hamiltonian Systems.
AD-A149 487/1 **08**-*516,948* PC **A03**/MF **A01**

**MRC-TSR-2749**
Approximation Order from Certain Spaces of Smooth Bivariate Splines on a Three-Direction Mesh.
AD-A149 633/0 **09**-*519,432* PC **A03**/MF **A01**

**MRC-TSR-2750**
New Method of Approximating Normal and t-Tail Areas.
AD-A149 457/4 **08**-*516,945* PC **A02**/MF **A01**

**MRC-TSR-2751**
Likelihood Displacement: A Unifying Principle for Influence Measures.
AD-A149 456/6 **08**-*516,944* PC **A02**/MF **A01**

**MRC-TSR-2752**
Asymptotic Distributions of the Sample Mean, Autocovariances and Autocorrelations of Long-Memory Time Series.
AD-A149 409/5 **08**-*516,940* PC **A03**/MF **A01**

**MRC-TSR-2753**
Connected Simple Systems and the Conley Index of Isolated Invariant Sets.
AD-A149 383/2 **08**-*516,935* PC **A05**/MF **A01**

**MRC-TSR-2754**
Numerical Solution of Semi-Linear Elliptic Problems on Unbounded Domains.
AD-A149 559/7 **08**-*516,951* PC **A03**/MF **A01**

**MRC-TSR-2755**
Single Integral Constitutive Equations for Viscoelastic Fluids.
AD-A149 410/3 **08**-*517,763* PC **A05**/MF **A01**

**MRC-TSR-2756**
Some Qualitative Properties of Bivariate Euler-Frobenius Polynomials.
AD-A149 408/7 **08**-*516,939* PC **A02**/MF **A01**

**MRC-TSR-2757**
Spans of Polynomials and the Spans of a Laguerre-Polya-Schur Sequence of Polynomials.
AD-A149 384/0 **08**-*516,936* PC **A02**/MF **A01**

**MRC-TSR-2758**
Estimation of Variance of the Regression Estimator.
AD-A149 407/9 **08**-*516,938* PC **A03**/MF **A01**

**MRC-TSR-2759**
Symmetry Breaking for a Class of Semi-Linear Elliptic Problems.
AD-A149 093/7 **07**-*515,034* PC **A03**/MF **A01**

**MRC-TSR-2760**
Remark on Regularization in Hilbert Spaces.
AD-A149 046/5 **07**-*515,027* PC **A02**/MF **A01**

**MRC-TSR-2761**
Neumann Type Boundary Conditions for Hamilton-Jacobi Equations.
AD-A149 069/7 **07**-*515,031* PC **A03**/MF **A01**

**MRC-TSR-2762**
Note on the Disturbance Decoupling Problem for Retarded Systems.
AD-A149 045/7 **07**-*515,026* PC **A02**/MF **A01**

**MRC-TSR-2763**
Controlled Approximation and a Characterization of the Local Approximation Order.
AD-A149 095/2 **07**-*515,036* PC **A02**/MF **A01**

**MRC-TSR-2764**
New Approach to 'Queer' Differential Equations.
AD-A149 231/3 **08**-*516,930* PC **A03**/MF **A01**

**MRC-TSR-2765**
Regenerative Structure of Markov Chains Simulated via Common Random Numbers.
AD-A149 092/9 **07**-*515,033* PC **A02**/MF **A01**

**MRC-TSR-2766**
Robust Kalman Filtering and Its Applications.
AD-A149 044/0 **07**-*515,025* PC **A03**/MF **A01**

**MRC-TSR-2767**
Interacting Populations That Disperse to Avoid Crowding: Preservation of Segregation.
AD-A149 230/5 **08**-*516,147* PC **A03**/MF **A01**

**MRC-TSR-2768**
Method of Calculating Periodic Solutions of Second Order Dynamical Systems.
AD-A149 634/8 **09**-*519,433* PC **A03**/MF **A01**

**MRC-TSR-2769**
Hamilton-Jacobi Equations in Infinite Dimensions. Part 1. Uniqueness of Viscosity Solutions.
AD-A149 094/5 **07**-*515,035* PC **A03**/MF **A01**

**MRC-TSR-2770**
Recent Developments and Open Problems in the Mathematical Theory of Viscoelasticity.
AD-A149 043/2 **07**-*515,576* PC **A02**/MF **A01**

**MRC-TSR-2771**
Frequency/Period Estimation and Adaptive Rejection of Periodic Disturbances.
AD-A149 229/7 **08**-*518,136* PC **A04**/MF **A01**

**MRC-TSR-2772**
Asymptotic Representation of Solutions of the Basic Semiconductor Device Equations.
AD-A149 040/8 **07**-*514,783* PC **A04**/MF **A01**

**MRC-TSR-2773**
Quadratic Mean Radius of a Polynomial in C(z).
AD-A149 189/3 **08**-*516,926* PC **A02**/MF **A01**

**MRC-TSR-2774**
Recent Research in Experimental Design for Quality Improvement with Applications to Logistics.
AD-A149 190/1 **08**-*517,334* PC **A02**/MF **A01**

**MRC-TSR-2775**
Perturbation of a Multiple Eigenvalue in the Benard Problem for Two Fluid Layers.
AD-A149 068/9 **07**-*515,529* PC **A03**/MF **A01**

**MRC-TSR-2776**
Quadratic Programming Algorithm.
AD-A153 476/7 **16**-*536,206* PC **A03**/MF **A01**

**MRC/TSR-2777**
Sensitivity Analysis of Initial Value Problems with Mixed Ode's and Algebraic Equations.
AD-A153 528/5 **16**-*536,181* PC **A03**/MF **A01**

**MRC-TSR-2778**
Finding the Largest l(p)-Ball in a Polyhedral Set.
AD-A153 542/6 **16**-*536,209* PC **A02**/MF **A01**

**MRC/TSR-2779**
Linear Models for Field Trials, Smoothing, and Cross-Validation.
AD-A153 522/8 **16**-*535,342* PC **A03**/MF **A01**

**MRC-TSR-2780**
Variable-Complexity Norm Maximization Problem.
AD-A153 514/5 **16**-*536,208* PC **A02**/MF **A01**

**MRC-TSR-2781**
Computable Numerical Bounds for Lagrange Multipliers of Stationary Points of Nonconvex Differentiable Nonlinear Programs.
AD-A153 513/7 **16**-*536,207* PC **A02**/MF **A01**

**MRC-TSR-2782**
Hyperbolic Phenomena in the Flow of Viscoelastic Fluids.
AD-A153 533/5 **16**-*536,738* PC **A05**/MF **A01**

**MRC/TSR-2783**
About Product Formulas with Variable Step-Size.
AD-A153 527/7 **16**-*536,180* PC **A02**/MF **A01**

**MRC/TSR-2784**
Cauchy Problem for Ut = Delta u(m) When $0 < m < 1$.
AD-A153 521/0 **16**-*536,178* PC **A03**/MF **A01**

**MRC-TSR-2785**
Nonparametric Renewal Function Estimation.
AD-A153 474/2 **16**-*536,174* PC **A03**/MF **A01**

**MRC-TSR-2786**
Approximating a Set-Valued Function Locally.
AD-A153 540/0 **16**-*536,186* PC **A02**/MF **A01**

**MRC-TSR-2787**
Instability at the Interface between Two Shearing Fluids in a Channel.
AD-A153 532/7 **16**-*536,737* PC **A02**/MF **A01**

**MRC-TSR-2788**
Role of Ellipticity and Normality Assumptions in Formulating Live-Roundary Conditions in Elasticity.
AD-A153 475/9 **16**-*536,909* PC **A02**/MF **A01**

**MRC-TSR-2789**
Limit Theorems for the Method of Replication.
AD-A153 541/8 **16**-*536,187* PC **A02**/MF **A01**

**MRC-TSR-2790**
Singularity Solutions for Ellipsoids in Low-Reynolds-Number Flows: with Applications to the Calculation of Hydrodynamic Interactions in Suspensions of Ellipsoids.
AD-A153 503/8 **16**-*536,736* PC **A03**/MF **A01**

**MRC/TSR-2791**
Global Optimization Algorithm Using Stochastic Differential Equations.
AD-A153 526/9 **16**-*535,991* PC **A03**/MF **A01**

**MRC-TSR-2792**
Least-Squares Approximation to Minimum Chi-Square Estimators of Location and Scale Parameters and Their Effect on the Pearson Chi-Square Test.
AD-A153 534/3 **16**-*536,182* PC **A03**/MF **A01**

**MRC-TSR-2793**
Effect of Some Estimators on a Large Sample Approximation to the Non-Null Distribution of the Pearson Chi-Square Statistic.
AD-A153 515/2 **16**-*536,176* PC **A03**/MF **A01**

**MRC-TSR-2794**
Infinite Dimensional Linear Systems with Unbounded Control and Observation: A Functional Analytic Approach.
AD-A153 535/0 **16**-*536,183* PC **A05**/MF **A01**

**MRC/TSR-2795**
Nonparametric Estimation of the Probability of Ruin.
AD-A153 523/6 **16**-*536,179* PC **A02**/MF **A01**

**MRC-TSR-2796**
Studies in Quality Improvement. 1. Dispersion Effects from Fractional Designs. Revised.
AD-A153 516/0 **16**-*536,177* PC **A02**/MF **A01**

**MRC-TSR-2797**
Studies in Quality Improvement II. An Analysis for Unreplicated Fractional Factorials.
AD-A153 539/2 **16**-*536,185* PC **A02**/MF **A01**

**MRC-TSR-2798**
Local Epi-Continuity and Local Optimization.
AD-A154 812/2 **18**-*540,960* PC **A02**/MF **A01**

**MRC-TSR-2799**
Analysis of Unreplicated Factorials Allowing for Possibly Faulty Observations.
AD-A154 813/0 **18**-*540,902* PC **A02**/MF **A01**

**MRC-TSR-2800**
Limiting Configuration of Interfacial Gravity Waves.
AD-A154 821/3 **18**-*541,671* PC **A02**/MF **A01**

**MRC-TSR-2801**
Second Order Difference Scheme for Transient Semiconductor Device Simulation.
AD-A154 824/7 **18**-*540,547* PC **A03**/MF **A01**

**MRC-TSR-2802**
Note on a Theorem of R. Duffin.
AD-A154 786/8 **18**-*541,868* PC **A02**/MF **A01**

**MRC-TSR-2803**
Optimality of Lower Confidence Limits for the Reliability of Series Systems Obtained by the Method of Key Test Results or other Related Techniques.
AD-A154 880/9 **18**-*541,362* PC **A02**/MF **A01**

**MRC-TSR-2804**
Adjusted Belief Structures.
AD-A154 804/9 **18**-*539,969* PC **A02**/MF **A01**

**MRC-TSR-2805**
Distribution of the Number of Empty Cells in a Generalized Random Allocation Scheme.
AD-A154 806/4 **18**-*540,900* PC **A03**/MF **A01**

**MRC-TSR-2806**
SIGMA - A Stochastic-Integration Global Minimization Algorithm.
AD-A154 878/3 **18**-*540,590* PC **A03**/MF **A01**

**MRC-TSR-2807**
Instability and Chaotic Behaviour in a Free-Surface Flow.
AD-A154 879/1 **18**-*541,674* PC **A06**/MF **A01**

**MRC-TSR-2808**
Numerical Study of Taylor-Vortex Flow.
AD-A154 787/6 **18**-*541,669* PC **A03**/MF **A01**

**MRC-TSR-2809**
Large-Time Behavior of Viscous Surface Waves.
AD-A154 805/6 **18**-*541,670* PC **A02**/MF **A01**

**MRC-TSR-2810**
Index Filtrations and the Homology Index Braid for Partially Ordered Morse Decompositions.
AD-A154 823/9 **18**-*540,903* PC **A03**/MF **A01**

**MRC-TSR-2811**
Sobolev-Poincare's Inequality and the Neumann Problem for u sub t = Divergence of the Absolute Value of the Gradient u to the P-2 Power x the Gradient u.
AD-A154 788/4 **18**-*540,898* PC **A02**/MF **A01**

**MRC-TSR-2812**
Finite Element Methods for Viscoelastic Flow.
AD-A154 877/5 **18**-*541,673* PC **A03**/MF **A01**

**MRC-TSR-2813**
Turning Lozange of Constant Side Whose Vertices Alternate between Two Fixed Circles of a Ring.
AD-A154 803/1 **18**-*540,899* PC **A02**/MF **A01**

**MRC-TSR-2814**
Interfacial Stability in a Two-Layer Benard Problem.
AD-A158 138/8 **24**-*556,632* PC **A03**/MF **A01**

**MRC-TSR-2815**
Adaptive, Self-Validating Numerical Quadrature.
AD-A158 164/4 **24**-*555,835* PC **A03**/MF **A01**

**MRC-TSR-2816**
Computable Bounds for Solutions of Integral Equations.
AD-A158 189/1 **24**-*555,843* PC **A02**/MF **A01**

**MRC-TSR-2817**
B-Splines and Linear Combinations of Uniform Order Statistics.
AD-A158 151/1 **24**-*555,832* PC **A03**/MF **A01**

**MRC-TSR-2818**
Mathematical Structure of Elementary Particles. 2.
AD-A158 191/7 **24**-*556,778* PC **A06**/MF **A01**

**MRC-TSR-2819**
Penalized Likelihood for General Semi-Parametric Regression Models.
AD-A158 133/9 **24**-*555,826* PC **A03**/MF **A01**

**MRC-TSR-2820**
Uniqueness of Hill's Spherical Vortex.
AD-A158 149/5 **24**-*555,830* PC **A03**/MF **A01**

**MRC-TSR-2821**
Development of Singularities in Nonlinear Viscoelasticity.
AD-A158 190/9 **24**-*556,971* PC **A02**/MF **A01**

**MRC-TSR-2822**
Approximation of the Initial Reserve for Known Ruin Probabilities.
AD-A158 167/7 **24**-*555,837* PC **A03**/MF **A01**

**MRC-TSR-2823**
Uniformly High-Order Accurate Non-Oscillatory Schemes I.
AD-A158 177/6 **24**-*555,840* PC **A04**/MF **A01**

**MRC-TSR-2824**
Floquet Decomposition for Volterra Equations with Periodic Kernel and a Transform Approach to Linear Recursion Equations.
AD-A158 148/7 **24**-*555,829* PC **A03**/MF **A01**

**MRC-TSR-2825**
Linear Combination Test for Detecting Serial Correlation in Multivariate Samples.
AD-A158 179/2 **24**-*555,841* PC **A02**/MF **A01**

**MRC-TSR-2826**
Hamilton-Jacobi Equations in Infinite Dimensions. Part 2. Existence of Viscosity Solutions.
AD-A158 137/0 **24**-*555,827* PC **A03**/MF **A01**

**MRC-TSR-2827**
Functional Equation Governing Moving Phase Boundaries in an Elastic Bar.
AD-A158 178/4 **24**-*556,970* PC **A03**/MF **A01**

**MRC-TSR-2828**
C Infinity-Regularity for the Porous Median Equation.
AD-A158 147/9 **24**-*555,286* PC **A02**/MF **A01**

**MRC-TSR-2829**
High-Order Accurate Interpolation for Non-Oscillatory Shock Capturing Schemes.
AD-A158 131/3 **24**-*555,824* PC **A03**/MF **A01**

**MRC-TSR-2830**
Boundary Integral Techniques for Multi-Connected Domains.
AD-A158 171/9 **24**-*555,838* PC **A03**/MF **A01**

**MRC-TSR-2831**
Decay with a Rate for Noncompactly Supported Solutions of Conservation Laws.
AD-A158 163/6 **24**-*555,834* PC **A04**/MF **A01**

**MRC-TSR-2832**
Global Optimization Using Automatic Differentiation and Interval Iteration.
AD-A158 150/3 **24**-*555,831* PC **A03**/MF **A01**

**MRC-TSR-2833**
Two Results on Dense Imbeddings.
AD-A158 132/1 **24**-*555,825* PC **A02**/MF **A01**

**MRC-TSR-2834**
Convergence of Cardinal Splines.
AD-A158 166/9 **24**-*555,836* PC **A02**/MF **A01**

**MRC-TSR-2835**
Realization Theory in Hilbert Space.
AD-A158 172/7 **24**-*555,839* PC **A03**/MF **A01**

**MRC-TSR-2836**
Conditioning in a Missing Data Problem.
AD-A158 202/2 **24** *555,845* PC **A02**/MF **A01**

**MRC/WDC-R-061**
Gyrotron Beam Generation with Helical Magnetic Fields.
AD-A145 987/4 **01**-*501,255* PC **A04**/MF **A01**

**MRC/WDC-R-084**
RF Laser Plasma Measurements,
AD-A145 936/1 **01**-*502,387* PC **A02**/MF **A01**

**MRC/WDC-R-086**
Further Studies of the NRL Collective Particle Accelerator via Numerical Modeling with the MAGIC Code.
AD-A153 583/0 **16**-*536,789* PC **A05**/MF **A01**

**MRC/WDC-R-088**
Design and Testing of Gyroklystron Amplifiers.
AD-A151 026/2 **11**-*524,294* PC **A05**/MF **A01**

**MRC/WDC-R-097**
Microwave Interaction with Air,
AD-A158 447/3 **25**-*559,674* PC **A03**/MF **A01**

**MRC-80/3**
Development and Marketing of a Soy-Fortified Bread in Korea. A Case Study.
PB85-101814 **01**-*500,559* PC **A04**/MF **A01**

**MRC-2580**
Theory of Orthotropic and Composite Cylindrical Shells, Accurate and Simple Fourth-Order Governing Equations.
AD-A151 296/1 **12**-*528,069* Not available NTIS

**MRCE-85-194**
Supplementary Subsurface Investigation, Glenmont Storage Yard Section B012, Glenmont Route.
PB85-234532 **23**-*553,477* PC **A03**/MF **A01**

**MRCE-85-202**
Supplementary Subsurface Investigation. Section E007, Greenbelt Route.
PB85-218410 **20**-*545,809* PC **A06**/MF **A01**

**MRCE-85-203**
Supplementary Subsurface Investigation Section D011g, New Carrollton Traction Power Substation.
PB85-231736 **23**-*553,443* PC **A02**/MF **A01**

**MRD-11**
Laboratory Investigation of Vane Dike River Control Structures.
AD-A148 780/0 **06**-*513,712* PC **A03**/MF **A01**

**MRD41113.4FR**
GaAlAsSb APD Optimization.
AD-A149 406/1 **08**-*516,570* PC **A04**/MF **A01**

**MRDC-84-24**
Molecular-Beam-Epitaxy GaAs Regrowth with Clean Interfaces by Arsenic Passivation.
AD-A158 365/7 **25**-*559,383* PC **A02**/MF **A01**

**MRDC41082.14AR**
Investigation of Fast Reaction SAW (Surface Acoustic Wave) Accelerometer.
AD-A153 876/8 **16**-*536,538* PC **A02**/MF **A01**

**MRDC41090.3FR**
Research on Electroluminescence in Thin Film Yttrium Oxysulfide.
AD-A146 909/7 **02**-*505,088* PC **A04**/MF **A01**

**MRDC-41108.3FR**
Passivation on High Q Acoustic Strain Sensor for Accelerometer.
AD-A153 565/7 **16**-*536,534* PC **A03**/MF **A01**

**MRDC41116.1IR**
Aluminum Nitride Insulator for III-V MIS (Metal-Insulator-Semiconductor) Applications.
AD-A147 842/9 **04**-*510,171* PC **A02**/MF **A01**

**MRDC41129.9SA**
LSI/VLSI Ion Implanted Planar GaAs IC Processing.
AD-A155 110/0 **19**-*543,599* PC **A03**/MF **A01**

**MRDC41135.4FR**
In situ Selected Area Doping of GaAs by Molecular Beam Epitaxy.
AD-A158 516/5 **25**-*559,786* PC **A04**/MF **A01**

**MRDL-13**
Laboratory Investigation of Marina Entrances on the Missouri River.
AD-A148 858/4 **07**-*515,077* PC **A03**/MF **A01**

**MRI/SOL-0601**
SOLERAS - Solar Cooling. Proceedings of the First SOLERAS Workshop.
DE84017398 **13**-*529,577* PC **A13**/MF **A01**

**MRI/SOL-1101**
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DE84017395 **14**-*531,722* PC **A17/MF A01**

**MRI-2007-E**
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AD-A158 107/3 **24**-*554,908* PC **A02**/MF **A01**

**MRJD-84-193**
Supplementary Subsurface Investigation, Greenbelt Route, Section E009.
PB85-119873 **04**-*509,650* PC **E03**

**MRJD-84-195**
Subsurface Investigation, Section A016D, Rockville Route.
PB85-120400 **04**-*509,825* PC **A02**/MF **A01**

**MRJD-84-196**
Subsurface Investigation, Section K008D, Vienna Route.
PB85-121176 **04**-*509,827* PC **A02**/MF **A01**

**MRL-OCD-83/10**
Vegetable Fuel Potential
AD-A156 595/1 **22**-*551,812* PC **A02**/MF **A01**

**MRL-R-658**
Interactions between F-111 Fuselage Fuel Tank Sealants. Part 2. Variation in Performance Properties of Polysulfides after Contact with Polyester Degradation Products,
AD-A149 777/5 **09**-*519,343* PC **A03**/MF **A01**

**MRL-R-900**
Use of the Computer Programa Para 80 to Study Results from Firing the Railgun Ergs-1M.
N85-33167/6 **26**-*562,076* PC **A03**/MF **A01**

**MRL-R-916**
Effects of Impurities and Additives on the Growth of Polycrystalline TNT,
AD-A149 085/3 **07**-*514,691* PC **A02**/MF **A01**
Effects of Impurities and Additives on the Growth of Polycrystalline TNT.
N84-34629/5 **02**-*504,840* PC **A02**/MF **A01**

**MRL-R-921**
Extracts from Symposium Countersurveillance '83 Held at Melbourne, Australia on 27 and 28 April, 1983.
AD-A149 086/1 **07**-*515,299* PC **A06**/MF **A01**
Extracts from Symposium: Countersurveillance 1983.
N84-34779/8 **02**-*504,575* PC **A09**/MF **A01**

**MRL-R-924**
Effect of Injection Moulding Processing Parameters on the Environmental Stress Cracking Resistance of Polycarbonate Mouldings,
AD-A145 917/1 **01**-*501,573* PC **A03**/MF **A01**

**MRL-R-928**
Railgun Plasma Armature Characterisation Experiments,
AD-A149 083/8 **07**-*514,784* PC **A03**/MF **A01**
Railgun Plasma Armature Characterisation Experiments.
N84-35104/8 **02**-*504,487* PC **A03**/MF **A01**

**MRL-R-929**
Influence of Inert Particulate Material on the Properties of RDX/Polyethylene Wax Compositions,
AD-A151 989/1 **13**-*530,261* PC **A02**/MF **A01**
Influence of Inert Particulate Material on the Properties of RDX/Polyethylene Wax Compositions.
N85-12159/8 **06**-*514,037* PC **A02**/MF **A01**

**MRL-R-930**
Age Life Prediction of Nylon 66 Parachute Materials. Part 1. Mechanical Properties,
AD-A147 698/5 **04**-*509,375* PC **A03**/MF **A01**

**MRL-R-931**
Pulsed Hydrogen-Fluoride Laser,
AD-A150 292/1 **10**-*522,963* PC **A02**/MF **A01**

**MRL-R-932**
ESR (Electroslag Refining) Technology in Australia - Laboratory Research and Industrial Development,
AD-A147 776/9 **04**-*509,382* PC **A03**/MF **A01**

**MRL-R-933**
50-kw Electric-Discharge CO2 Laser,
AD-A149 779/1 **09**-*520,218* PC **A02**/MF **A01**

**MRL-R-936**
Penetrator/Armour Interactions - Background to Australian Work,
AD-A152 258/0 **13**-*530,283* PC **A02**/MF **A01**
Penetrator/Armour Interactions: Background to Australian Work.
N85-12353/7 **06**-*514,045* PC **A02**/MF **A01**

**MRL-R-937**
Surface Coatings for Low Emittance in the Thermal Surveillance Band,
AD-A152 257/2 **13**-*529,946* PC **A03**/MF **A01**
Surface Coatings for Low Emittance in the Thermal Surveillance Band.
N85-12158/0 **06**-*513,527* PC **A03**/MF **A01**

**MRL-R-939**
Calculations of Collision-Induced Optical Gain in High-Density Mixtures of D2 or HD with a Buffer Gas,
AD-A151 372/0 **12**-*527,930* PC **A03**/MF **A01**

**MRL-R-940**
Review of One Dimensional Shaped Charge Theory. Part 1. Jet Formation,
AD-A151 416/5 **12**-*527,861* PC **A03**/MF **A01**

**MRL-R-947**
Plasma Mass and Effective Inductance in a Small Railgun,
AD-A1[illegible] 644/9 **18**-*541,310* PC **A02**/MF **A01**
Plasma Mass and Effective Inductance in a Small Rainbow.
N85-22162/0 **14**-*532,274* PC **A02**/MF **A01**

**MRL-R-948**
Study of the Feasibility of Developing a Low Sensitivity CC (Conducting Composition) Cap for Raufoss 20 mm Ammunition,
AD-A155 007/8 **18**-*541,622* PC **A03**/MF **A01**

**MRL-R-950**
Age-Life Prediction of Nylon 66 Parachute Materials. Part 2. Changes in the Chemical and Physical Properties of Materials on Aging.
AD-A156 909/4 **22**-*550,415* PC **A03**/MF **A01**

**MRL-R-951**
Weak Shock Waves Propagating in Fluid-Gas Mixtures,
AD-A154 759/5 **18**-*541,667* PC **A02**/MF **A01**

**MRL-R-952**
Spectroscopic Studies of a Railgun Muzzle Flash,
AD-A156 607/4 **22**-*551,659* PC **A02**/MF **A01**
Spectroscopic Studies of a Railgun Muzzle Flash.
N85-26837/3 **19**-*543,686* PC **A02**/MF **A01**

**MRL-R-955**
Australian Compression Ignition (CI) Fuze: A History of Research and Development and Suggestions for Use in Fuzes for Practice Ammunition,
AD-A156 605/8 **22**-*551,217* PC **A03**/MF **A01**

**MRL-R-958**
Explosion Bulge Testing of Australian HY-80 Steel Plate,
AD-A158 896/1 **25**-*558,418* PC **A03**/MF **A01**

**MRL-R-959**
Development and Evaluation of a Microburst Test Apparatus for Use as a Minimum Destructive Test for Parachute Material,
AD-A158 110/7 **24**-*555,731* PC **A03**/MF **A01**

**MRL-R-960**
Examination of a Method for Predicting the Properties of Railgun Plasmas,
AD-A156 630/6 **22**-*551,661* PC **A03**/MF **A01**
Examination of a Method for Predicting the Properties of Railgun Plasmas.
N85-28709/3 **20**-*545,987* PC **A03**/MF **A01**

**MRL-TN-485**
Interactive Plotting Program - GRAPH.
AD-A151 371/2 **12**-*526,897* PC **A04**/MF **A01**

**MRL-TN-486**
High-Pressure Optical Cell.
AD-A153 639/0 **16**-*536,774* PC **A02**/MF **A01**

**MRL-0309-TR**
Study of the Requirements of an Electronic Message Handling Facility.
AD-A149 087/9 **07**-*514,819* PC **A04**/MF **A01**

**MRP/MRL-81-41(TR)**
Radiation, Ventilation and Dust Studies at Agnew Lake Mines.
DE85780092 **10**-*522,732* PC **A05**/MF **A01**

**MRP/MRL-82-65**
Technical Evaluation of a Radon Daughter Continuous Monitor in an Underground Uranium Mine.
DE85700608 **19**-*543,834* PC **A02**/MF **A01**

**MRP/MRL-82-77**
Diffusion Properties of a Synthetic Porous Material to Radon Gas.
DE85700591 **18**-*541,520* PC **A02**/MF **A01**

**MRP/MRL-82-79**
Comparison of a Continuous Working Level Monitor for Radon Daughters with Conventional Grab-Sampling.
DE85700609 **19**-*543,835* PC **A02**/MF **A01**

**MRP/MSL-80-166(IR)**
Preconcentration of a Low-Grade Uranium Ore Yielding Tailings of Greatly Reduced Environmental Concerns. Part 5. CPDU Investigation of Agnew Lake Ore: 0.057 Percent U.
DE85780093 **10**-*521,867* PC **A03**/MF **A01**

**MRP/MSL-82-86**
Preconcentration of a Low Grade Uranium Ore in CPDU and Laboratory Investigation to Optimize the Dewatering Conditions of the Preconcentration Products.
DE85700588 **18**-*540,507* PC **A08**/MF **A01**

**MRP/MSL-83-10**
Evaluation of a Rapid Test for Available Alkali Determination in Fly Ashes.
DE84901630 **17**-*537,635* PC **A02**/MF **A01**

**MS-SER-81**
Archaeological Test Excavation and Evaluation of Three Prehistoric Sites at Swift Bar, on the Lower Snake River, Southeastern Washington.
AD-A148 069/8 **04**-*508,223* PC **A07**/MF **A01**

**MS/SS-02-REV-1-CELSS**
CELSS (Controlled Ecological Life Support System) Experiment Concepts of Space Station Missions.
PB85-106573 **01**-*502,763* PC**$25.00**/MF**$25.00**

**MS/SS-0275-REV-1**
Concepts of Large Antenna Assembly and Measurements,
PB85-106565 **03**-*506,234* PC**$25.00**/MF**$25.00**

**MS-198**
Spatial Acquisition Algorithms and Systems for Optical ISL.
AD-A147 760/3 **04**-*509,922* PC **A02**/MF **A01**

**MS254V1003**
Space Shuttle Orbiter Waste Collection System Conceptual Study.
N85-17553/7 **11**-*525,845* PC **A07**/MF **A01**

**MS-1560**
Modified Likelihood for Density Estimation.
AD-A149 437/6 **08** *516,942* PC **A02**/MF **A01**

**MS-5614**
Point Image Focus Sensing Using an Automated Foucault Test.
AD-A153 034/4 **15**-*534,333* PC **A02**/MF **A01**

**MS-5660**
Parallel Signal Processing for Optical Satellite Detection.
AD-A152 944/5 **15**-*534,510* PC **A02**/MF **A01**

**MS-5665**
Measurement Correlation for Multiple Sensor Tracking in a Dense Target Environment.
AD-A153 026/0 **15**-*534,332* PC **A02**/MF **A01**

**MS-5675**
Adaptive Detection of Targets in Laser Speckle Noise.
AD-A153 055/9 **15**-*534,512* PC **A02**/MF **A01**

**MS-5676**
Holographic Beam Shaping for Optical Heterodyne Arrays in Laser Radars.
AD-A152 848/8 **15**-*534,498* PC **A02**/MF **A01**

**MS-5711**
On Estimation of Image Signal-to-Noise Ratio and Centroid of Coherent Laser Radar Target Images.
AD-A153 025/2 **15**-*534,499* PC **A02**/MF **A01**

**MS-5729**
Laser and Millimeter-Wave Backscatter of Transmission Cables.
AD-A153 147/4 **15**-*533,868* PC **A02**/MF **A01**

**MS-5748**
Oxide Barriers to the Formation of Refractory Silicides.
AD-A152 931/2 **15**-*534,011* PC **A02**/MF **A01**

**MS-5759A**
Laser Radar Beam Control with Holographic Diffraction Gratings.
AD-A147 570/6 **03**-*506,912* PC **A02**/MF **A01**

**MS-5760**
Transient Heating with Graphite Heaters for Semiconductor Processing.
AD-A152 930/4 **15**-*535,100* PC **A02**/MF **A01**

**MS-5763**
Preparation of Oriented GaAs Bicrystal Layers by Vapor-Phase Epitaxy Using Lateral Overgrowth.
AD-A152 999/9 **15**-*534,735* PC **A02**/MF **A01**

**MS-5764**
Single-Crystal GaAs Films on Amorphous Substrates by the CLEFT Process.
AD-A152 929/6 **15**-*534,731* PC **A02**/MF **A01**

**MS-5767**
Silicon-on-Insulation MOSFETs Fabricated in Zone-Melting-Recrystallized Poly-Si Films on SiO2.
AD-A153 004/7 **15**-*533,773* PC **A02**/MF **A01**

**MS-5781**
Military Applications of Coherent Infrared Radar.
AD-A152 847/0 **15**-*534,497* PC **A02**/MF **A01**

**MS-5800**
Review of Laser Technology at M.I.T. (Massachusetts Institute of Technology) Lincoln Laboratory.
AD-A153 001/3 **15**-*534,769* PC **A02**/MF **A01**

**MS-5809**
Theory and Status of High Performance Heterodyne Detectors.
AD-A152 697/9 **14**-*531,630* PC **A02**/MF **A01**

**MS-5837A**
High Speed Charge-Coupled Device (CCD) Two-Dimensional Correlator.
AD-A152 808/2 **15**-*533,861* PC **A02**/MF **A01**

**MS-5862**
Receiver Technology for the Millimeter and Submillimeter Wave Regions.
AD-A152 810/8 **15**-*534,509* PC **A02**/MF **A01**

**MS-5865**
Wideband, Phase Coded Millimeter Wave Instrumentation Radar
AD-A152 809/0 **15**-*534,516* PC **A02**/MF **A01**

**MS-5883A**
Performance Characteristics of a 4-Bit 828-Megasamples/Sec Electro-Optic Analog-to-Digital Converter.
AD-A152 767/0 **15**-*533,858* PC **A02**/MF **A01**

**MS-5925**
Heterodyne Experiments from Millimeter Wave to Optical Frequencies Using GaAs MESFETs above fT.
AD-A152 956/9 **15**-*534,781* PC **A02**/MF **A01**

**MS-5927**
A Two-Stage Monolithic IF Amplifier Utilizing a High Dielectric Constant Capacitor.
AD-A152 769/6 **15**-*533,859* PC **A02**/MF **A01**

**MS-5970**
A Bandwidth Analysis of Baseline Networks.
AD-A152 768/8 **15**-*534,482* PC **A02**/MF **A01**

**MS-6025**
Optimal Control in Adaptive Optics Modeling of Nonlinear Systems.
AD-A147 607/6 **04**-*510,222* PC **A02**/MF **A01**

**MS-6039**
Phase-Conjugate Adaptive-Optics Experiments.
AD-A152 770/4 **15**-*534,778* PC **A02**/MF **A01**

**MS-6065**
Fabrication of GaAs CCDs for High-Speed Spatial Light Modulators.
AD-A152 965/0 **15**-*534,782* PC **A02**/MF **A01**

**MS-6073**
Electronic Properties of Grain Boundaries in GaAs: A Study of Oriented Bicrystals Prepared by Epitaxial Lateral Overgrowth.
AD-A147 583/9 **03**-*507,747* PC **A02**/MF **A01**

**MS-6075**
Maximum Likelihood Estimation of Spectral Parameters Using Burst Waveforms.
AD-A147 022/8 **02**-*504,582* PC **A02**/MF **A01**

**MS-6077**
Ion Implantation Technique for Simultaneous Formation of a Shallow Silicon p-n Junction and a Shallow Silicide-Silicon Ohmic Contact.
AD-A147 132/5 **02**-*505,097* PC **A02**/MF **A01**

**MS-6107**
The Microwave Silicon Permeable Base Transistor.
AD-A152 718/3 **14**-*531,631* PC **A02**/MF **A01**

**MS-6154**
Object Detection by Two-Dimensional Linear Prediction.
AD-A147 566/4 **03**-*506,094* PC **A02**/MF **A01**

**MS-6187**
Performance of a Coded Optical Communication System Using an APD (Avalanche Photo-Detector) Direct Detection Receiver.
AD-A152 968/4 **15**-*534,483* PC **A02**/MF **A01**

**MS-6207**
Limitations of Laser Transmission Measurements due to Correlated Atmospheric Effects.
AD-A147 424/6 **03**-*505,392* PC **A02**/MF **A01**

**MS-6221**
Performance Criteria of Components Required for Electrooptic Analog-to-Digital Conversion.
AD-A152 698/7 **14**-*531,714* PC **A02**/MF **A01**

**MS-6232**
Resolution and Accuracy, Ambiguity and Anomaly for Range-Spread Speckle Targets.
AD-A147 551/6 **03**-*506,911* PC **A02**/MF **A01**

**MS-6239**
A Demonstration of Very Large Area Integration Using Laser Restructuring.
AD-A147 475/8 **03**-*506,218* PC **A02**/MF **A01**

**MS-6243**
A Custom IC for Automatic Gain Control in LPC Vocoders.
AD-A147 421/2 **03**-*506,214* PC **A02**/MF **A01**

**MS-6252**
Heterodyne Lasercom Systems Using GaAs Lasers for ISL (Intersatellite-Link) Applications.
AD-A147 470/9 **03**-*506,877* Not available NTIS

**MS-6271**
Monolithic Frequency Doublers.
AD-A147 393/3 **03**-*506,213* PC **A02**/MF **A01**

**MS-6273**
A Single Wafer 16-Point 16-MHz FFT (Fast Fourier Transform) Processor.
AD-A147 514/4 **03**-*506,057* PC **A02**/MF **A01**

**MS-6292**
A Precision Wide-Range Optical Gap Measurement Technique.
AD-A147 550/8 **03**-*506,741* PC **A02**/MF **A01**

**MS-6293**
Generation of < 50 nm Period Gratings Using Edge Defined Techniques.
AD-A147 596/1 **03**-*507,348* PC **A02**/MF **A01**

**MS-6297**
Numerical Aspects of the Inverse Function Theory.
AD-A147 474/1 **03**-*506,512* PC **A02**/MF **A01**

**MS-6323**
Developments in Fabrication of Binary Optical Elements.
AD-A147 457/6 **03**-*507,344* PC **A02**/MF **A01**

**MS-6334**
Quartz Rotary-Table Substrate Holder for Epitaxial Growth Reactor.
AD-A147 044/2 **02**-*504,849* PC **A02**/MF **A01**

**MS-6339**
The Experimental Integrated Switched Network - A System-Level Network Test Facility.
AD-A147 608/4 **04**-*509,916* PC **A02**/MF **A01**

**MS-6347**
Calculation of Intrinsic Capacitances of GaAs FETs for Switching Circuits.
AD-A152 720/9 **14**-*531,633* PC **A02**/MF **A01**

**MS-6364**
A Displaced Phase Center Antenna Concept for Space Based Radar Applications.
AD-A152 738/1 **14**-*532,409* PC **A02**/MF **A01**

**MS-6371**
Mosaic CCD Focal Plane Technology for Electro-Optical Space Surveillance.
AD-A152 737/3 **14**-*532,314* PC **A02**/MF **A01**

**MS-6378**
Measurement of Electroacoustic Coefficients in LiNbO3 and LiTaO3 and Application to Signal-Processing Devices.
AD-A147 595/3 **03**-*507,253* PC **A02**/MF **A01**

**MS-6379**
Surface-Photoacoustic-Wave Spectroscopy of Thin Films.
AD-A147 515/1 **03**-*507,252* PC **A02**/MF **A01**

**MS-6382**
Electromagnetically-Induced Surface Microstructures and Enhanced Field Effects in Laser Processing.
AD-A147 997/1 **04**-*509,765* Not available NTIS

**MS-6393**
Wideband Signal Processing for Communication and Radar.
AD-A152 699/5 **14**-*532,383* PC **A02**/MF **A01**

**MS-6402**
Laser Direct Write Technologies as Tools for Gate-Array Development.
AD-A147 974/0 **04**-*509,764* PC **A02**/MF **A01**

**MS-6408**
High-Speed InP Based Photodetectors.
AD-A152 719/1 **14**-*531,632* PC **A02**/MF **A01**

**MS-6410**
Multistatic Vector Inverse Scattering.
AD-A151 484/3 **12**-*527,675* PC **A02**/MF **A01**

**MS-6411**
Laser Fabrication of Micron-Size Structures on CdS.
AD-A148 266/0 **05**-*511,960* PC **A02**/MF **A01**

**MS-6414**
Adaptive Noise Cancellation in a Fighter Cockpit Environment.
AD-A153 178/9 **15**-*534,488* PC **A02**/MF **A01**

**MS-6417**
Homomorphic Restoration of Images Degraded by Light Cloud Cover.
AD-A152 966/8 **15**-*534,511* PC **A02**/MF **A01**

**MS-6423**
InP Optoelectronic Switches and Their High-Speed Signal-Processing Applications.
AD-A147 023/6 **02**-*503,765* PC **A02**/MF **A01**

**MS-6430**
Optimal Design and Performance of a Dual-Detector Optical Heterodyne Receiver for Local Oscillator Noise Suppression.
AD-A147 072/3 **02**-*504,899* PC **A02**/MF **A01**

**MS-6433**
Fabrication and Characterization of Ti-Indiffused and Proton Exchange Waveguides in LiNbO3.
AD-A149 327/9 **08** *517,793* PC **A02**/MF **A01**

**MS-6434**
Modulation Design for Heterodyne Optical Communication System.
AD-A147 071/5 **02**-*504,563* PC **A02**/MF **A01**

**MS-6438**
An Electroabsorptive CCD Spatial Light Modulator.
AD-A147 194/5 **03**-*507,335* PC **A02**/MF **A01**

**MS-6444**
AlGaAs Shallow-Homojunction Solar Cells for Tandem Applications.
AD-A147 228/1 **03**-*506,289* PC **A02**/MF **A01**

**MS-6450**
GaAs CLEFT Solar Cells for Space Applications.
AD-A147 192/9 **03**-*506,287* PC **A02**/MF **A01**

**MS-6452**
GaAsP Shallow-Homojunction Solar Cells for Tandem Applications.
AD-A147 321/4 **03**-*506,290* PC **A02**/MF **A01**

**MS-6456**
GaAs/Ge/Si Solar Cells.
AD-A147 226/5 **03**-*506,288* PC **A02**/MF **A01**

**MS-6463**
A Distributed Aeroacoustic Tracking Algorithm.
AD-A146 978/2 **02**-*504,552* PC **A02**/MF **A01**

**MS-6465**
Masked Ion Beam Lithography Using Stencil Masks.
AD-A153 053/4 **15**-*534,431* PC **A02**/MF **A01**

**MS-6475**
Magnitude-Only Reconstruction Using a Sinusoidal Speech Model.
AD-A153 052/6 **15**-*534,486* PC **A02**/MF **A01**

**MS-6502**
A Wafer-Scale Digital Integrator.
AD-A152 771/2 **15**-*533,860* PC **A02**/MF **A01**

**MS-6540**
Buried-Heterostructure Q-Switched Diode Lasers.
AD-A152 849/6 **15**-*534,766* PC **A02**/MF **A01**

**MS-6544**
GaAs Monolithic Frequency Doublers with Series Connected Varactor Diodes.
AD-A152 945/2 **15**-*533,770* PC **A02**/MF **A01**

**MS-6575**
Receiver Technology for the Submillimeter-Wave Region.
AD-A154 227/3 **17**-*537,979* PC **A02**/MF **A01**

**MS-6613**
Low Power Ion-Beam-Assisted Etching of Indium Phosphide.
AD-A155 713/1 **19**-*543,600* PC **A02**/MF **A01**

**MS-6648A**
Process Considerations in Restructurable VLSI for Wafer-Scale Integration.
AD-A153 569/9 **16**-*536,041* PC **A02**/MF **A01**

**MS-6651**
A New High-Efficiency GaAs Solar Cell Structure Using a Heterostructure Back-Surface Field.
AD-A147 534/2 **03**-*506,291* PC **A02**/MF **A01**

**MS-6654**
Guided-Wave Optics in LiNbO3: Physical Properties, Devices and Signal-Processing Systems.
AD-A155 088/8 **18**-*541,700* PC **A02**/MF **A01**

**MS-6663**
The Anisotropy Paradox of CO2 + Ions in Lithium Ferrite.
AD-A156 350/1 **21**-*549,154* PC **A02**/MF **A01**

**MS-6702**
Wide-Band SAW (Surface-Acoustic Wave) FET Programmable Transversal Filter.
AD-A154 401/4 **17**-*537,982* PC **A02**/MF **A01**

**MS-6719**
Applications of Beam-Solid Interactions in Semiconductor Material and Device Processing.
AD-A156 539/9 **21**-*547,892* PC **A02**/MF **A01**

**MS-6720**
SOI (Silicon-on-Insulator) Technologies: Device Applications and Future Prospects.
AD-A156 309/7 **21**-*547,891* PC **A02**/MF **A01**

**MS-6722**
Recent Advances in Si and Ge Zone-Melting Recrystallization.
AD-A157 084/5 **23**-*553,545* PC **A02**/MF **A01**

**MS-6731**
Merged CMOS/Bipolar Technologies and Microwave MESFETS Utilizing Zone-Melting-Recrystallized SOI Films.
AD-A154 450/1 **17**-*537,888* PC **A02**/MF **A01**

**MS-6753**
Speech Transformations Based on a Sinusoidal Representation.
AD-A156 610/8 **22**-*550,920* PC **A02**/MF **A01**

**MS-6769**
Interpretation-Guided Signal Processing via Protocol Analysis.
AD-A156 348/5 **21**-*547,515* PC **A02**/MF **A01**

**MS-6828**
A Silhouette-Slice Theorem for Opaque 3-D Objects.
AD-A155 403/9 **19**-*543,257* PC **A02**/MF **A01**

**MSC/TFR/1402/1503**
Fracture Behavior of Ceramic Composites.
AD-A150 819/1 **11**-*524,445* PC **A05**/MF **A01**

**MSC/TFR/1504/1504**
Thermoviscoelastic Analysis of Dimensionally Stable Fiber Composite Space Structures.
AD-A149 275/0 **08**-*516,850* PC **A04**/MF **A01**

**MSC-TN-10.**
Meteorological Satellite Center Technical Note No. 10, 1984.
N85-21884/0 **14**-*530,945* PC **A05**/MF **A01**

**MSHA/IR-1148**
Laboratory and Field Evaluation of Instantaneous Reading Dust Instruments.
PB85-175784 **15**-*533,725* PC **A02**/MF **A01**

**MSHA/IR-1149**
Quality Assurance Program for Field Health Laboratories.
PB85-175792 **14**-*532,279* PC **A02**/MF **A01**

**MSHA/IR-1150**
Laboratory Evaluation of a Commercially Available Underground Dry Dust Collection System.
PB85-175800 **14**-*531,600* PC **A02**/MF **A01**

**MSHA/IR-1152**
MSHA's (Mine Safety and Health Administration's) Procedure for Determining Quartz Content of Respirable Coal Mine Dust.
PB85-231173 **23**-*552,562* PC **A02**/MF **A01**

**MSHC/ARDC-84/1**
Adult Residential Day Care: A Program Development and Operations Guide.
PB85-129138 **05**-*511,045* PC **A10**/MF **A01**

**MSNW-C.11.253.01**
Spark Column Plasma Dynamics Model (A First Principles Model for Laser Triggered Spark Gaps).
AD-A147 954/2 **04**-*510,320* PC **A05**/MF **A01**

**MSRR-467(R)A**
Nonlinear 0-1 Programming: I. Linearization Techniques. Revision.
AD-A150 960/3 **11**-*524,565* PC **A03**/MF **A01**

**MSRR-467(R)B**
Nonlinear 0-1 Programming: II. Dominance Relations and Algorithms. Revision.
AD-A150 659/1 **11**-*524,563* PC **A03**/MF **A01**

**MSRR-501**
Statistical Analysis of Some Traveling Salesman Algorithms.
AD-A145 786/0 **01**-*501,665* PC **A03**/MF **A01**

**MSRR-504**
Large Matchings and Cycles in Sparse Random Graphs.
AD-A149 194/3 **08**-*516,927* PC **A03**/MF **A01**

**MSRR-510**
Traveling Salesman Problem on a Graph and Some Related Integer Polyhedra.
AD-A147 953/4 **04**-*509,535* PC **A03**/MF **A01**

**MSRR-511**
Some Facets of the Tri-Index Assignment Polytope.
AD-A149 195/0 **08**-*516,928* PC **A03**/MF **A01**

**MSRR-512**
Matchings and Hamiltonian Cycles in Random Graphs.
AD-A151 015/5 **11**-*524,537* PC **A03**/MF **A01**

**MSRR-517**
Two Algorithms for Weighted Matroid Intersection.
AD-A156 525/8 **21**-*548,213* PC **A03**/MF **A01**

**MSSU-EIRS-AKS-84-1**
Friction of Plastic Rotating Bands.
AD-A150 666/6 **11**-*525,315* PC **A06**/MF **A01**

**MSSU-EIRS-EE-83-2**
Electron Lithography STAR Design Guidelines. Part 1: The Star User Design Manual.
N85-31840/0 **23**-*552,757* PC **A08**/MF **A01**

**MSSU-EIRS-EE-83-3-PT-2**
Electron Lithography STAR Design Guidelines. Part 2: The Design of a STAR for Space Applications.
N85-31841/8 **23**-*552,758* PC **A11**/MF **A01**

**MSSU-EIRS-EE-83-4-PT-3**
Electron Lithography STAR Design Guidelines. Part 3: The Mosaic Transistor Array Applied to Custom Microprocessors. Part 4: Stores Logic Arrays, SLAS Implemented with Clocked CMOS.
N85-31842/6 **23**-*552,759* PC **A06**/MF **A01**

**MST-LUFT-A-66**
SO Sub 2 -Analysis in the Danish National Air Quality Measuring Program.
DE85780232 **14**-*531,503* PC **A03**/MF **A01**

**MST-LUFT-A-70**
Climatology and Air Quality Models. Pt. 18. Project Operational Meteorological Air-Quality Models.
DE84750568 **04**-*508,084* PC **A03**/MF **A01**

**MST-LUFT-A-74**
Numerical Treatment of the Advection-Diffusion Equation. Pt. 7. Selfadaptive Time-Discretization.
DE84750571 **04**-*509,611* PC **A04**/MF **A01**

**MST-LUFT-A-76**
Continous Monitoring System for SO sub 2 and NOsub(X) Measurements in the Danish Air-Quality Measuring Project.
DE84750570 **04**-*509,610* PC **A04**/MF **A01**

**MSU/ENGR-81/009**
Reduced-Order Modeling, Stochastic Singular Perturbation and Sampled-Data Control.
DE85002368 **06**-*513,657* PC **A06**/MF **A01**

**MSU/INTERNATIONAL DEVELOPMENT PAPER/WP-4**
Subcontracting in Rural Areas of Thailand.
PB85-156172 **10**-*521,179* PC **A03**/MF **A01**

**MSU/INTERNATIONAL DEVELOPMENT PAPER/WP-5**
Microcomputers and Programmable Calculators for Agricultural Research in Developing Countries.
PB85-191310 **16**-*535,331* PC **A07**/MF **A01**

**MSU/INTERNATIONAL DEVELOPMENT PAPER/WP-6**
Periodicals for Microcomputers: An Annotated Bibliography.
PB85-191302 **16**-*536,018* PC **A05**/MF **A01**

**MSU/INTERNATIONAL DEVELOPMENT PAPER/WP-8**
Faire Face a la Crise Alimentaire de l'Afrique (Facing the Food Crisis in Africa).
PB85-190676 **16**-*535,328* PC **A03**/MF **A01**

**MSU/INTERNATIONAL DEVELOPMENT PAPER-4**
Animal Traction in Eastern Upper Volta: A Technical, Economic and Institutional Analysis.
PB85-150662 **09**-*518,372* PC **A07**/MF **A01**

**MSU/RURAL DEVELOPMENT PAPER-5**
Farming Systems Approach: Relevancy for the Small Farmer.
PB85-102432 **01**-*500,068* PC **A03**/MF **A01**

**MSU/RURAL DEVELOPMENT WP-15**
Some Problems in Operating a Loan Program for Craft and Emerging Small-Scale Non-Farm Enterprises in Jamaica.
PB85-150100 **10**-*521,155* PC **A03**/MF **A01**

**MSU/RURAL DEVELOPMENT-WP-16**
Small-Scale Manufacturing Enterprises in Jamaica: Socioeconomic Characteristics and Constraints.
PB85-150209 **08**-*515,938* PC **A07**/MF **A01**

**MSU/RURAL DEVELOPMENT-WP-20**
Small Scale Industry in Kenya.
PB85-149482 **10**-*521,154* PC **A06**/MF **A01**

**MSU/RURAL DEVELOPMENT WP-22**
Food Consumption Behavior in Three Villages of Northern Nigeria.
PB85-113306 **02**-*503,363* PC **A05**/MF **A01**

**MSU/RURAL DEVELOPMENT WP-23**
Small Scale Enterprises in Egypt: Fayoum and Kalyubiya Governorates, Phase 1. Survey Results.
PB85-149474 **10**-*521,153* PC **A04**/MF **A01**

**MSU/RURAL DEVELOPMENT WP-24**
Food Consumption Behavior: Rural Sierra Leone and Kano State, Nigeria.
PB85-134872 **05**-*511,092* PC **A06**/MF **A01**

**MT-CWR-85-001**
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AD-A155 834/5 **21**-*548,615* PC **A02**/MF **A01**

**MTB-164**
Historical Review of Research and Development in Ship Hydrodynamics.
PB85-101327 **01**-*501,995* PC **E03**/MF **E01**

**MTB-165**
Development for the Measurement of Ink Film Thickness and Dampening Water Content.
PB85-109973 **02**-*504,498* PC **E03**/MF **E01**

**MTB-166**
Application of Ship Resistance Theories to the Design of Full Hull Forms.
PB85-180222 **14**-*532,212* PC **E03**/MF **E01**

**MTB-167**
Behavior of Impurity Around the Ion Exchanger in PWR (Pressenized Water Reactor) Primary Circuit.
PB85-180230 **14**-*532,522* PC **E03**/MF **E01**

**MTB-168**
Effect of Bow Shape on Free-Surface Shear Flow.
PB85-200582 **18**-*541,288* PC **E03**/MF **E01**

**MTB-169**
Study on Detection of Deterioration and Damage Due to High Temperature Service Using Nondestructive Material Property Tests.
PB85-207694 **19**-*543,623* PC **E03**/MF **E01**

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Materials Substitution and Recycling.
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**N84-33521/5**
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N84-33523/1 **01**-*501,520* PC **A03**/MF **A01**

**N84-33524/9**
Analysis of Instability-Related Growth of a Through-Width Delamination.
N84-33524/9 **01**-*501,521* PC **A04**/MF **A01**

**N84-33531/4**
Aprimoramentos No Processo de Desidratacao de Hidrazina Por Hidroxido de Sodio (Improvements in the Process of Dehydrating Hydrazine by Sodium Hydroxide).
N84-33531/4 **01**-*500,935* PC **A02**/MF **A01**

**N84-33533/0**
Behavior of Al2O3 and SiO2 with Heating in a Cl2 + CO Stream.
N84-33533/0 **01**-*501,068* PC **A02**/MF **A01**

**N84-33534/8**
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N84-33534/8 **01**-*501,069* PC **A03**/MF **A01**

**N84-33535/5**
Research on Oxidation by Air and Tempering of Raney Nickel Electrocatalysts for the H2 Anodes of Alkali Combustion Materials Cells.
N84-33535/5 **01**-*501,490* PC **A06**/MF **A01**

**N84-33536/3**
Effect of Gravity on Halogenated Hydrocarbon Flame Retardant Effectiveness
N84-33536/3 **01**-*502,655* PC **A02**/MF **A01**

**N84-33552/0**
Photodissoziation von H2O bei 157 mm: Zustandsverteilung und Raeumliche Orientierung des OH (X2pi) Zerfallprodukts (Photodissociation of H2O at 15 NM: State Distribution and Spatial Orientation of the OH (X2pi) Decay Products).
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**N84-33553/8**
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N84-33553/8 **01**-*501,974* PC **A08**/MF **A01**

**N84-33555/3**
Overlay Metallic-Cermet Alloy Coating Systems.
PATENT-4 446 199 **02**-*504,042* Not available NTIS

**N84-33563/7**
High-Pressure Hydrogen Testing of Single Crystal Superalloys for Advanced Rocket Engine Turbopump Turbine Blades.
N84-33563/7 **01**-*502,752* PC **A02**/MF **A01**

**N84-33564/5**
Low Cycle Fatigue Behavior of Conventionally Cast Mar-M 200 at 1000 Deg C.
N84-33564/5 **01**-*501,550* PC **A02**/MF **A01**

**N84-33565/2**
Study of High Performance Alloy Electroforming.
N84-33565/2 **01**-*501,551* PC **A02**/MF **A01**

**N84-33566/0**
Influence of Containerless Undercooling and Rapid Solid-State Quenching on the Superconductive and Magnetic Properties of Some Clustering Alloy Systems.
N84-33566/0 **01**-*501,552* PC **A02**/MF **A01**

**N84-33583/5**
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N84-33583/5 **01**-*501,553* PC **A02**/MF **A01**

**N84-33584/3**
Contribution to the High Temperature Deformation Behavior of the Austenitic Steel 1.4981 after Neutron Irradiation.
N84-33584/3 **01**-*501,554* PC **A06**/MF **A01**

**N84-33585/0**
Corrosion Properties of Spacelab Structural Alloy Aluminum 2219-T851.
N84-33585/0 **01**-*501,555* PC **A05**/MF **A01**

**N84-33589/2**
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PATENT-4 459 470 **02**-*504,245* Not available NTIS

**N84-33590/0**
Friction Behavior of Silicon in Contact with Titanium, Nickel, Silver and Copper.
N84-33590/0 **01**-*502,638* PC **A02**/MF **A01**

**N84-33591/8**
Double Layered Tailorable Advanced Blanket Insulation.
N84-33591/8 **01**-*501,526* PC **A03**/MF **A01**

**N84-33592/6**
Advanced Strain-Isolation-Pad Material with Bonded Fibrous Construction.
N84-33592/6 **01**-*501,527* PC **A04**/MF **A01**

**N84-33593/4**
Effects of Applied Pressure on Hot-Pressing of beta-SIC.
N84-33593/4 **01**-*501,504* PC **A02**/MF **A01**

**N84-33595/9**
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PAT-APPL-6-640 712 **02**-*504,041* PC **A02**/MF **A01**

**N84-33596/7**
Theoretical Study of Resin Flows for Thermosetting Materials During Prepreg Processing.
N84-33596/7 **01**-*501,575* PC **A03**/MF **A01**

**N84-33608/0**
FTIR Analysis of Aviation Fuel Deposits.
N84-33608/0 **01**-*502,710* PC **A03**/MF **A01**

**N84-33611/4**
Method for Evaluation of Petroleum Products Corrosivity Using Piezoelectric Crystals, Part 1.
N84-33611/4 **01**-*501,071* PC **A03**/MF **A01**

**N84-33613/0**
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**N84-33618/9**
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N84-33619/7 **01**-*501,422* PC **A02**/MF **A01**

**N84-33620/5**
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N84-33620/5 **01**-*501,874* PC **A03**/MF **A01**

**N84-33621/3**
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N84-33621/3 **01**-*501,875* PC **A02**/MF **A01**

**N84-33622/1**
Simulation of the Reaction of Optical Systems in the Manufacturing Process.
N84-33622/1 **01**-*501,876* PC **A06**/MF **A01**

**N84-33637/9**
Determinacao DA Atenuacao de Microondas Pela Influencia DOS Gases Atmosfericos, Atraves de Tecnica Radiometrica (Determination of Microwave Attenuation Due to the Influence of Atmospheric Gases Using the Radiometric Technique).
N84-33637/9 **01**-*502,647* PC **A02**/MF **A01**

**N84-33638/7**

Sintetizador/Modulador FM de 1200 Canais Para Transmissao Scpc de Sinais de Voz Por Satelite (FM Synthesizer-Modulator with 1200 Channels for SCPC Transmission of Voice Signals by Satellite)
N84-33638/7 **01**-*502,086* PC **A02**/MF **A01**

**N84-33639/5**

Sistema de Comutacao (Decommutation System).
N84-33639/5 **01**-*502,087* PC **A02**/MF **A01**

**N84-33640/3**

Propagacao de Ondas Eletromagneticas Em Meiod Magnetoionicos (Electromagnetic Wave Propagation in Magnetoionic Media).
N84-33640/3 **01**-*502,648* PC **A03**/MF **A01**

**N84-33641/1**

Development of a 611 Mhz Feed for a 9-Meter Reflector.
N84-33641/1 **01**-*501,374* PC **A03**/MF **A01**

**N84-33642/9**

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N84-33642/9 **01**-*500,022* PC **A02**/MF **A01**

**N84-33653/6**

Radio Spectrum Conservation Technique.
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Erzeugung Zweistifuger Sufallsgraphen (Generation of Two Stage Random Graphs).
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**N84-33656/9**

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N84-33656/9 **01**-*501,376* PC **A13**/MF **A01**

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Coupling an Induction Motor Type Generator to AC Power Lines.
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Simplified DC to DC Converter.
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N84-33712/0 **01**-*501,270* PC **A02**/MF **A01**

**N84-33714/6**

Theoretical and Experimental Studies of Error in Square-Law Detector Circuits.
N84-33714/6 **01**-*501,378* PC **A04**/MF **A01**

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N84-33715/3 **01**-*502,091* PC **A22**/MF **A01**

**N84-33725/2**

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N84-33725/2 **01**-*501,492* PC **A12**/MF **A01**

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N84-33736/9 **01**-*501,379* PC **A05**/MF **A01**

**N84-33737/7**

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N84-33737/7 **01**-*501,451* PC **A22**/MF **A01**

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N84-33749/2 **01**-*502,380* PC **A04**/MF **A01**

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N84-33757/5 **01**-*500,016* PC **A11**/MF **A01**

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PATENT-4 472 728 **02**-*504,491* Not available NTIS

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PATENT-4 043 668 **02**-*504,489* Not available NTIS

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Longwall Shearer Tracking System.
PATENT-4 466 667 **02**-*503,714* Not available NTIS

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Phase Sensitive Guidance Sensor for Wire-Following Vehicles.
PATENT-4 472 716 **02**-*504,578* Not available NTIS

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N84-33772/4 **01**-*502,171* PC **A03**/MF **A01**

**N84-33773/2**

Pinhole/Coronograph Pointing Control System Integration and Noise Reduction Analysis.
N84-33773/2 **01**-*501,975* PC **A15**/MF **A01**

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Scintillometer for Measuring Atmospheric Turbulence.
N84-33785/6 **01**-*501,976* PC **A04**/MF **A01**

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High Resolution System for Analogue Recording and Digital Processing of Measured Values in Fusion Research.
N84-33786/4 **01**-*502,009* PC **A03**/MF **A01**

**N84-33787/2**

Investigations of Magnetic Wires for Sensor Applications.
N84-33787/2 **01**-*502,012* PC **A03**/MF **A01**

**N84-33788/0**

Study for Developing an Ultrasonic Doppler Flowmeter.
N84-33788/0 **01**-*500,789* PC **A04**/MF **A01**

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Multipoint Method for Sample Temperature Measurement in a Mirror Furnace.
N84-33789/8 **01**-*501,977* PC **A04**/MF **A01**

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Teoria Do Laser de Eletrons Livres (The Theory of Free Electron Lasers).
N84-33790/6 **01**-*502,396* PC **A08**/MF **A01**

**N84-33805/2**

Development of Hardware and Software for Automatic Optical Surface Inspection with Laser Scanners.
N84-33805/2 **01**-*501,877* PC **A02**/MF **A01**

**N84-33806/0**

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N84-33806/0 **01**-*502,417* PC **A09**/MF **A01**

**N84-33807/8**

Impacting Device for Testing Insulation.
PATENT-4 470 293 **02**-*504,490* Not available NTIS

**N84-33808/6**

Diesel Engine Catalytic Combustor System.
PATENT-4 449 370 **02**-*505,228* Not available NTIS

**N84-33810/2**

Review of LOX Bearing and Seal Materials Tester (BSMT) Radial Load System.
N84-33810/2 **01**-*501,978* PC **A05**/MF **A01**

**N84-33811/0**

Research Study for Effects of Case Flexibility on Bearing Loads and Rotor Stability.
N84-33811/0 **01**-*501,851* PC **A12**/MF **A01**

**N84-33816/9**

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N84-33816/9 **01**-*501,889* PC **A06**/MF **A01**

**N84-33817/7**

Steigerung der Wirtschaftlichkeit Moderner Viertakt-Dieselmotoren im Generatorbetrieb (Enhanced Efficiency of Modern Four-Stroke Diesel Engines in Generator Operation).
N84-33817/7 **01**-*502,747* PC **A02**/MF **A01**

**N84-33818/5**

Control and Supervision of Nut Fastening by Means of a Microcomputer.
N84-33818/5 **01**-*501,878* PC **A03**/MF **A01**

**N84-33819/3**

Development of an Electrically Controllable Gas Flow Valve for Use in Patient Ventilators.
N84-33819/3 **01**-*500,790* PC **A03**/MF **A01**

**N84-33820/1**

Torque Properties of Oscillating, Dry-Lubricated Ball Bearings in Vacuum.
N84-33820/1 **01**-*501,890* PC **A02**/MF **A01**

**N84-33832/6**

Formulation of Rotor-Airframe Coupling for Design Analysis of Vibrations of Helicopter Airframes.
N84-33832/6 **01**-*500,044* PC **A07**/MF **A01**

**N84-33834/2**

Review of Chevron-Notched Fracture Specimens.
N84-33834/2 **01**-*502,602* PC **A04**/MF **A01**

**N84-33835/9**

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N84-33851/6 **01**-*501,180* PC **A02**/MF **A01**

**N84-33852/4**

Medidad de Qualidade de Estimadores de Proporcoes de Classes Dentro de Um Pixel de Imagens de Satelite (Quality Measures for Estimating the Proportions of Different Classes within a Single Image Resolution Element (Pixel)).
N84-33852/4 **01**-*501,326* PC **A03**/MF **A01**

**N84-33853/2**

Projeto Mapeamento DA Alteracao Do USO Do Solo DA Regiao Carbonifera de Santa Catarine - Relatorio Preliminar (Mapping Project on Land Use Changes in the Carboniferous Region of Santa Catarina).
N84-33853/2 **01**-*501,152* PC **A02**/MF **A01**

**N84-33854/0**

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N84-33854/0 **01**-*500,080* PC **A02**/MF **A01**

**N84-33855/7**

Inventario de Floresta Plantada Atraves de Amostragem Em Multiplo Estagio COM Probabilidade Proporcional a Grandeza (Forestry Inventory Based on Multistage Sampling with Probability Proportional to Size).
N84-33855/7 **01**-*500,097* PC **A03**/MF **A01**

**N84-33856/5**

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**N84-34001/7**

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**N84-34002/5**

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N84-34002/5 **01**-*501,238* PC **A03**/MF **A01**

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**N84-34011/6**

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N84-34011/6 **01**-*501,452* PC **A04**/MF **A01**

**N84-34012/4**

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N84-34012/4 **01**-*501,453* PC **A02**/MF **A01**

**N84-34013/2**

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N84-34013/2 **01**-*501,454* PC **A06**/MF **A01**

**N84-34014/0**
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N84-34014/0 **01**-*501,879* PC **A02**/MF **A01**

**N84-34015/7**
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N84-34015/7 **01**-*501,423* PC **A03**/MF **A01**

**N84-34016/5**
Design, Analysis and Test Verification of Advanced Encapsulation Systems.
N84-34016/5 **01**-*501,455* PC **A06**/MF **A01**

**N84-34017/3**
Process Research of Non-CZ Silicon Material.
N84-34017/3 **01**-*501,456* PC **A14**/MF **A01**

**N84-34018/1**
Stress Studies in EFG.
N84-34018/1 **01**-*501,457* PC **A03**/MF **A01**

**N84-34019/9**
Large-Area Sheet Task Advanced Dendritic Web Growth Development.
N84-34019/9 **01**-*500,936* PC **A04**/MF **A01**

**N84-34020/7**
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N84-34020/7 **01**-*501,458* PC **A02**/MF **A01**

**N84-34021/5**
Progress Research of Non-CZ Silicon Material.
N84-34021/5 **01**-*501,459* PC **A02**/MF **A01**

**N84-34022/3**
Development of Metallization Process: FSA Project, Cell and Module Formation Research Area.
N84-34022/3 **01**-*501,460* PC **A02**/MF **A01**

**N84-34023/1**
Surface Property Modification of Silicon.
N84-34023/1 **01**-*501,072* PC **A05**/MF **A01**

**N84-34024/9**
Development and Fabrication of a Solar Cell Junction Processing System.
N84-34024/9 **01**-*501,461* PC **A07**/MF **A01**

**N84-34025/6**
Comprehensive Silicon Solar Cell Computer Modeling.
N84-34025/6 **01**-*501,462* PC **A04**/MF **A01**

**N84-34026/4**
Process Research of Poycrystalline Silicon Material (PROPSM).
N84-34026/4 **01**-*501,463* PC **A03**/MF **A01**

**N84-34027/2**
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N84-34027/2 **01**-*501,464* PC **A03**/MF **A01**

**N84-34028/0**
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N84-34028/0 **01**-*501,073* PC **A04**/MF **A01**

**N84-34029/8**
Investigation of Test Methods, Material Properties and Processes for Solar Cell Encapsulants.
N84-34029/8 **01**-*501,465* PC **A02**/MF **A01**

**N84-34030/6**
Development of Metallization Process. FSA Project. Cell and Module Formation Research Area.
N84-34030/6 **01**-*501,466* PC **A02**/MF **A01**

**N84-34031/4**
Development of Metallization Process.
N84-34031/4 **01**-*501,467* PC **A02**/MF **A01**

**N84-34033/0**
Process Research of Polycrystalline Silicon Material (PROPSM).
N84-34033/0 **01**-*501,468* PC **A02**/MF **A01**

**N84-34034/8**
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N84-34034/8 **01**-*501,469* PC **A05**/MF **A01**

**N84-34035/5**
Nickel-Iron Battery System Safety.
N84-34035/5 **01**-*501,493* PC **A04**/MF **A01**

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N84-34036/3 **01**-*502,711* PC **A07**/MF **A01**

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**N84-34045/4**
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**N84-34047/0**
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**N84-34048/8**
Stuendliche Werte von Strom- und Waermebedarf und die Strombezugskonditionen. Grundlagen der Bhkw-Auslegung (Hourly Values of Electricity and Heat Consumption and Electricity Supply Conditions. Fundamentals of Block Heating Power Station (Bhps) Construction).
N84-34048/8 **01**-*501,427* PC **A03**/MF **A01**

**N84-34049/6**
Wirtschaftlichkeit und Betriebserfahrungen von Bhkw-Anlagen (Efficiency and Operating Experience of Block Heating Power Stations (Bhps)).
N84-34049/6 **01**-*501,701* PC **A03**/MF **A01**

**N84-34050/4**
Development of a Wind Energy Converter with Single Blade Rotor.
N84-34050/4 **01**-*501,428* PC **A03**/MF **A01**

**N84-34051/2**
Development of a Production Process for Central Receiver Coatings.
N84-34051/2 **01**-*501,880* PC **A07**/MF **A01**

**N84-34052/0**
Analise Quimica de Ions Em Aguas de Chuva de Regioes Naturais. Correlacoes COM Aerossois Atmosfericos (Chemical Analysis of Ions in Rain Water in Natural Regions. Correlations with Aerosols in the Atmosphere).
N84-34052/0 **01**-*501,074* PC **A03**/MF **A01**

**N84-34053/8**
Analise Quimica Preliminar das Aguas de Chuva de Cubatao - Impactos Abientais (Preliminary Chemical Analysis of Rain Water in Cubatao: Ambient Effects).
N84-34053/8 **01**-*501,075* PC **A02**/MF **A01**

**N84-34058/7**
Quantitative Determination of Gaseous Air Pollutants by Semiconducting Sensors.
N84-34058/7 **01**-*501,076* PC **A05**/MF **A01**

**N84-34073/6**
Barreira Do Interno: 5 Anos de Pesquisa COM Ozonio (Barreira Do Inferno: Five Years of Ozone Research).
N84-34073/6 **01**-*500,188* PC **A02**/MF **A01**

**N84-34074/4**
Study of the System of Middle Atmosphere-Ionosphere Using Remote-Sensing Data.
N84-34074/4 **01**-*500,189* PC **A02**/MF **A01**

**N84-34075/1**
Desenvolvimento de Um Sistema Automatico de Tratamento de Dados Magnetoteluricos (Development of an Automatic System for the Treatment of Magnetotelluric Data).
N84-34075/1 **01**-*501,979* PC **A08**/MF **A01**

**N84-34076/9**
Guide to the Geology of Australia.
N84-34076/9 **01**-*501,175* PC **A06**/MF **A01**

**N84-34077/7**
Oligocene and Miocene Larger Foraminiferida from Australia and New Zealand.
N84-34077/7 **01**-*501,176* PC **A08**/MF **A01**

**N84-34078/5**
Tertiary Foraminifera and Age of Sediments, Ok Tedi-Wabag, Papua New Guinea.
N84-34078/5 **01**-*501,177* PC **A07**/MF **A01**

**N84-34079/3**
Introducao a Geofisica DA Atmosfera (Introduction to Atmospheric Geophysics).
N84-34079/3 **01**-*500,190* PC **A02**/MF **A01**

**N84-34080/1**
Varicao DA Ocorrencia DA Camada F Espalhada COM O Ciclo Solar Em Fortaleza E Cachoeira Paulista (The Variation of Range Type Spread F Occurrence with a Solar Cycle at Fortaleza and Cachoeira Paulista).
N84-34080/1 **01**-*500,191* PC **A02**/MF **A01**

**N84-34081/9**
Distribuicao Temporal E Latitudinal das Irregularidades Ionosfericas No Brasil. Atraves de Analise de Dados de Cintilacao Em VHF E Ionogramas (Temporal and Latitudinal Distribution of Ionosphere Irregularity in Brazil. Data Analysis of Scintillations in Very High Frequencies and Ionograms).
N84-34081/9 **01**-*500,192* PC **A06**/MF **A01**

**N84-34090/0**
Kinetic Energy Study of the Meso beta-Scale Storm Environment During AVE-Sesame 5 (20-21 May 1979).
N84-34090/0 **01**-*500,226* PC **A06**/MF **A01**

**N84-34092/6**
GMS Observations of Typhoon 8205, 8212, 8213.
N84-34092/6 **01**-*500,227* PC **A08**/MF **A01**

**N84-34093/4**
Workshop Sobre Ciencias DA Atmosfera No Inpe a Meteorlogia DA Regiao Antartica (Atmospheric Science Workshop on the Meteorology of the Antarctic Region at INPE).
N84-34093/4 **01**-*500,228* PC **A03**/MF **A01**

**N84-34094/2**
Tracado Automatico de Carta Sinotica (Automatic Drawing of Synoptic Charts).
N84-34094/2 **01**-*500,229* PC **A02**/MF **A01**

**N84-34095/9**
Meteorologia Sinotica DA Antartica (Synoptic Meteorology in Antarctica).
N84-34095/9 **01**-*500,230* PC **A03**/MF **A01**

**N84-34097/5**
Visita Cientifica AO Instituto de Estudos Polares Do Japao (A Scientific Visit to the Institute of Polar Study of Japan).
N84-34097/5 **01**-*500,231* PC **A03**/MF **A01**

**N84-34110/6**
Spatial and Temporal Distribution of Diffuse and Direct Solar Radiation in the Federal Republic of Germany.
N84-34110/6 **01**-*500,193* PC **A07**/MF **A01**

**N84-34112/2**
Primeira Tentativa de Identificacao de Areas Favoraveis a Ocorrencia de Bonito-Listrado (Katsuwonus Pelamis), Atraves DA Analise de Dados Oceanograficos NA Regiao Sudeste-Sul Do Brasil (A First Attempt to Identify Areas of High Probability for the Occurrence of Surface Skipjack Schools (Katsuwonus Pelamis), from an Analysis of Oceanographic Data for the South-Southeast Region of Brazil).
N84-34112/2 **01**-*500,590* PC **A05**/MF **A01**

**N84-34117/1**
Ultrastructural Alterations in Skeletal Muscle Fibers of Rats after Exercise.
N84-34117/1 **01**-*500,866* PC **A02**/MF **A01**

**N84-34127/0**
Stability of Atropine, Stored in the Swedish Autoinjector.
N84-34127/0 **01**-*500,820* PC **A02**/MF **A01**

**N84-34160/1**
Workload Book: Assessment of Operator Workload to Engineering Systems.
N84-34160/1 **01**-*500,373* PC **A02**/MF **A01**

**N84-34161/9**
Combined Effect of Noise and Vibration on Passenger Acceptance.
N84-34161/9 **01**-*500,374* PC **A03**/MF **A01**

**N84-34165/0**
Human Capabilities in Space.
N84-34165/0 **01**-*500,254* PC **A04**/MF **A01**

**N84-34171/8**
Controles Microprogramados Simples - Uma Alternativa Atraente (Simple Microprogrammed Controllers: An Alternate Approach).
N84-34171/8 **01**-*501,329* PC **A02**/MF **A01**

**N84-34172/6**
System Design of a Remotely Operated, Program Controlled Measurement Table for the Calibration of the Egret Experiment. Part A: Program Control.
N84-34172/6 **01**-*501,330* PC **A04**/MF **A01**

**N84-34180/9**
Desenvolvimento DA Linguagem LANAC/II Para Programacao Concorrente (Development of LANAC/II Language for Concurrent Programming).
N84-34180/9 **01**-*501,331* PC **A02**/MF **A01**

**N84-34181/7**
Unidade de Armazenamento Emdisco Flexivel (Flexible Disk Data Storage Unit).
N84-34181/7 **01**-*501,332* PC **A04**/MF **A01**

**N84-34182/5**
Introducao a Linguagem Pascal (Introduction to Pascal Language).
N84-34182/5 **01**-*501,333* PC **A03**/MF **A01**

**N84-34183/3**
Pascal-Mp: Uma Linguagem Para Manipulacao Algebrica E Numerica de Polinomios (PASCAL-MP: A Language for the Algebraic and Numerical Manipulation of Polynomials).
N84-34183/3 **01**-*501,334* PC **A02**/MF **A01**

**N84-34184/1**
Procaoc: Um Programa Para Calculo, Analise E Optimizacao de Circuitos Em Microondas (Procaoc: A Program for Computation, Analysis and Optimization of Circuits).
N84-34184/1 **01**-*501,380* PC **A02**/MF **A01**

**N84-34185/8**
Projeto de Dispositivos Ativos E Passivos Em Microondas COM Auxilio de Computador (Project Active and Passive Microwave Devices with Auxiliary Computer).
N84-34185/8 **01**-*501,381* PC **A07**/MF **A01**

**N84-34186/6**
Payload Crew Training Complex Simulation Engineer's Handbook.
N84-34186/6 **01**-*500,272* PC **A03**/MF **A01**

**N84-34187/4**

BGRID: A Block-Structured Grid Generation Code for Wing Sections.
N84-34187/4 01-*500,018* PC **A03**/MF **A01**

**N84-34198/1**

Validation of a Fault-Tolerant Clock Synchronization System.
N84-34198/1 01-*501,335* PC **A02**/MF **A01**

**N84-34199/9**

Software Implemented Fault-Tolerant (SIFT) User's Guide.
N84-34199/9 01-*501,336* PC **A04**/MF **A01**

**N84-34204/7**

Rational-Spline Approximation with Automatic Tension Adjustment.
N84-34204/7 01-*501,656* PC **A02**/MF **A01**

**N84-34205/4**

Desempenho, No Pior Caso, de Algumas Heuristicas Para Problemas de Tamanho de Lote (Worst Case Performance of Some Heuristics for Lot Size Problems).
N84-34205/4 01-*501,675* PC **A02**/MF **A01**

**N84-34206/2**

Equivalencia Entre Problemas de Maximizacao Sujeitos a Restricoes de Desigualdade (Equivalence Between Maximization Problems Subjected to Inequality Constraints).
N84-34206/2 01-*501,657* PC **A02**/MF **A01**

**N84-34212/0**

Square-Full Integers in a Short Interval.
N84-34212/0 01-*501,658* PC **A02**/MF **A01**

**N84-34213/8**

Multigrid Finite Element Method.
N84-34213/8 01-*501,659* PC **A03**/MF **A01**

**N84-34214/6**

Local and Global Existence and Behavior for T Tends to Infinity Navier-Stokes Equations.
N84-34214/6 01-*502,382* PC **A02**/MF **A01**

**N84-34215/3**

Multiparameter Maximal Functions Along Dilation-Invariant Hypersurfaces.
N84-34215/3 01-*501,660* PC **A02**/MF **A01**

**N84-34216/1**

Canonical Commutation Relations and Gauss' Law in the Temporal Gauge.
N84-34216/1 01-*501,661* PC **A02**/MF **A01**

**N84-34217/9**

Local and Global Integrability of Anomalous Ward Identities.
N84-34217/9 01-*502,589* PC **A02**/MF **A01**

**N84-34218/7**

Remark on the Korteweg-de Vries Equation.
N84-34218/7 01-*501,662* PC **A02**/MF **A01**

**N84-34219/5**

Weak Interactions on the Lattice.
N84-34219/5 01-*502,549* PC **A02**/MF **A01**

**N84-34220/3**

Integrals of the n-Body Problem.
N84-34220/3 01-*500,155* PC **A02**/MF **A01**

**N84-34221/1**

Qualitative Analysis of the Anisotropic Kepler Problem.
N84-34221/1 01-*500,156* PC **A06**/MF **A01**

**N84-34226/0**

Detection-Filter Representations for Markov Jump Diffusions.
N84-34226/0 01-*501,361* PC **A03**/MF **A01**

**N84-34228/6**

Chow Groups of Conic Bundle Surfaces.
N84-34228/6 01-*501,663* PC **A02**/MF **A01**

**N84-34230/2**

Experimental Investigation of the Effect of Boundary Layer Refraction on the Noise from a High-Speed Propeller.
N84-34230/2 01-*500,019* PC **A03**/MF **A01**

**N84-34231/0**

Theoretical Model for the Cross Spectra Between Pressure and Temperature Downstream of a Combustor.
N84-34231/0 01-*502,656* PC **A04**/MF **A01**

**N84-34234/4**

Zur Beruecksichtigung von Flugzeugen MIT Laermzulassung Nach Icao Annex 16 bei der Ermittllung von Laermschutzbereichen Nach Dem Gesetz Schutz Gegen Fluglaerm (The Effect of Aircraft with Noise Certificates According to Class Icao Annex 16 on the Determination of Noise Protection Domains Following the Law on Protection Against Aircraft Noise).
N84-34234/4 01-*500,045* PC **A02**/MF **A01**

**N84-34246/8**

Search for Excited Quarks.
N84-34246/8 01-*502,550* PC **A02**/MF **A01**

**N84-34247/6**

Testing the Six Quark Scheme.
N84-34247/6 01-*502,551* PC **A02**/MF **A01**

**N84-34248/4**

Untersuchung der Beitraege Chemischer und van-der Waals Kraefte Auf die Wechselwirkung von Fluor-Atomen MIT AR, Kr und Xe Aus Molekularstrahlstreuuntersuchungen Integraler Streuquerschnitte (Study of the Contributions of Chemical and van der Waal Forces to Interaction Between Fluorine and Ar, Kr and Xe, Using Molecular Beam Scattering Investigations of Integral Scattering Cross Sections).
N84-34248/4 01-*501,077* PC **A09**/MF **A01**

**N84-34249/2**

Energietransfer bei Atom-Molekuel-Stoessenueberthermischer Stossenergie (Energy Transfer in Atom-Molecule Collisions with Suprathermal Collision Energy).
N84-34249/2 01-*501,078* PC **A06**/MF **A01**

**N84-34250/0**

Activities in Nuclear and High Energy Physics.
N84-34250/0 01-*502,552* PC **A02**/MF **A01**

**N84-34253/4**

Timing Performance of Phased-Locked Loops in Optical Pulse Position Modulation Communication Systems.
N84-34253/4 01-*502,092* PC **A06**/MF **A01**

**N84-34262/5**

Research on the Use of Metal-Organic Compounds as Photoconductors in Electrophotography.
N84-34262/5 01-*502,017* PC **A06**/MF **A01**

**N84-34263/3**

Development of a 60 cm Photographic Zenith Telescope, and Construction of a Prototype.
N84-34263/3 01-*502,418* PC **A03**/MF **A01**

**N84-34264/1**

Development of Optomechanical Deflectors for Light Beams and Electronical-Optical Deflectors with Subsequent Generation of Light to Represent Characters Digitally or Partially.
N84-34264/1 01-*502,018* PC **A04**/MF **A01**

**N84-34267/4**

Turbulent Diffusion for the Radial Twist Map.
N84-34267/4 01-*502,563* PC **A02**/MF **A01**

**N84-34268/2**

Catastrophe in Plasma Focus Evolution.
N84-34268/2 01-*502,564* PC **A02**/MF **A01**

**N84-34269/0**

Numerical Analysis on the Ion Species Ratios in a Steady State Hydrogen Plasma.
N84-34269/0 01-*502,565* PC **A03**/MF **A01**

**N84-34270/8**

Alpha-Particle Simulation Using Nbi Beam and ICRF Wave.
N84-34270/8 01-*502,566* PC **A03**/MF **A01**

**N84-34271/6**

Impurity Origin During ICRF Heating in Jipp T-Iiu Tokamak.
N84-34271/6 01-*502,567* PC **A03**/MF **A01**

**N84-34272/4**

Visible-Light Imaging MHD Studies of the Edge Plasma in the Jipp-T-IIU Tokamak.
N84-34272/4 01-*502,568* PC **A02**/MF **A01**

**N84-34273/2**

Abnormal Energy Deposition on the Wall Through Plasma Disruptions.
N84-34273/2 01-*502,569* PC **A02**/MF **A01**

**N84-34274/0**

Effects of Neutrals on Particle Transport of a Plasma.
N84-34274/0 01-*502,570* PC **A02**/MF **A01**

**N84-34275/7**

Plasma and Magnetospheric Research.
N84-34275/7 01-*500,194* PC **A02**/MF **A01**

**N84-34288/0**

Effect of Annealing under Thermodynamically Stable Conditions on the Formation and Transformation of Structural Defects in Diamond Monocrystals.
N84-34288/0 01-*502,361* PC **A02**

**N84-34289/8**

Crystallization of Cubic Boron Nitride in the Presence of Silicon.
N84-34289/8 01-*502,362* PC **A02**

**N84-34301/1**

Apparatus for the Determination of Ion Drift in MIS Structures.
N84-34301/1 01-*501,980* PC **A03**/MF **A01**

**N84-34302/9**

Magnetooptische Untersuchungen an Epitaktischen EuS-Schishten und (EuS-/SrS)-Schichtsystemen (Magneto-Optical Studies of Epitaxial EuS Films and (EuS/SrS) Layer Systems).
N84-34302/9 01-*502,640* PC **A04**/MF **A01**

**N84-34303/7**

Superconducting Resonators.
N84-34303/7 01-*501,271* PC **A06**/MF **A01**

**N84-34304/5**

Investigation of Electro-Optical Effects in Liquid Crystals for High Information Density over a Wide Temperature Range.
N84-34304/5 01-*501,337* PC **A07**/MF **A01**

**N84-34305/2**

Optimierung des Thermodynamischen Krieslaufs Eines Sammelschienen-Heizkraft-Werkes (Optimization of the Thermodynamic Cycles of a Collective Heating Power Station).
N84-34305/2 01-*501,472* PC **A03**/MF **A01**

**N84-34306/0**

Basic Concept of Particle Rest Mass in a Quantized Relativistic Universe.
N84-34306/0 01-*502,590* PC **A03**/MF **A01**

**N84-34307/8**

Salarios NA Carreira de Pesquisa (Research Salaries).
N84-34307/8 01-*500,255* PC **A03**/MF **A01**

**N84-34308/6**

Dificuldades Para Planejar Ciencia E Tecnologia (Difficulties of Scientific and Technological Planning).
N84-34308/6 01-*500,511* PC **A02**/MF **A01**

**N84-34309/4**

Heuristica Para O Problema de Distribuicao de Cargas Pereciveis (Heuristic Method for the Problem of the Distribution of Perishable Cargos).
N84-34309/4 01-*500,256* PC **A02**/MF **A01**

**N84-34310/2**

Problema de Determinacao de Politica Otima Para Sistemas de Manutencao COM Maquinas de Reserva E Numero Variavel de Servidores (Problem of Determining the Optimal Policy for Maintenance Systems with Reserve Machines and a Variable Number of Servers).
N84-34310/2 01-*501,676* PC **A04**/MF **A01**

**N84-34311/0**

Objetivos, Atividades E Necessidades DOS Laboratorios de Simulacao Digital, de Simulacao Fisica de Sistemas de Controle de Atitude E de Orbita E de Controle Termico Do Departamento de Mecanica Esapacial E Controle (Objectives: Activities and Needs of the Digital Simulation Laboratory, Attitude and Orbit Control Systems, and the Thermal Control Laboratory of the Space Mechanics and Control Department).
N84-34311/0 01-*502,775* PC **A05**/MF **A01**

**N84-34312/8**

Problema de Determinacao de Politica Otima Para Sistemas de Manutencao COM Maquinas de Reserva E Numero Variavel de Servidores (Problem of Determining the Optimum Policy for Maintaining Systems with Spare Machines and a Number of Variable Servers).
N84-34312/8 01-*501,677* PC **A02**/MF **A01**

**N84-34313/6**

Politica Otima Para Um Sistema de Manutencao COM Controle Sobre a Distribuicao Do Tempo de Reparo (Optimum Policy for a System of Maintenance with Control by a Repair Time Distribution).
N84-34313/6 01-*501,678* PC **A02**/MF **A01**

**N84-34314/4**

Sistemas de Planejamento Hierarquico Aplicado a Producao: Um Estudo (Hierarchical Planning Systems Applied to Production: A Study).
N84-34314/4 01-*500,257* PC **A04**/MF **A01**

**N84-34318/5**

NASA RECON: Course Development, Administration, and Evaluation.
N84-34318/5 01-*500,512* PC **A99**/MF **A01**

**N84-34320/1**

Catalogo das Publicacoes Periodicas Existentes No Inpe - Vol. Vii (Catalog of Existing Published Periodicals of INPE, Volume 7).
N84-34320/1 01-*500,273* PC **A07**/MF **A01**

**N84-34321/9**

Master List and Index to NASA Directives.
N84-34321/9 01-*500,513* PC **A05**/MF **A01**

**N84-34330/0**

Baseline Performance and Emissions Data for a Single-Cylinder, Direct-Injected Diesel Engine.
N84-34330/0 01-*501,751* PC **A04**/MF **A01**

**N84-34331/8**

High Temperature Ceramic Interface Study.
N84-34331/8 01-*501,505* PC **A06**/MF **A01**

**N84-34332/6**

Solar Terrestrial Physics: Present and Future.
N84-34332/6 01-*500,195* PC **A25**/MF **A01**

**N84-34347/4**

High Energy Transients.
N84-34347/4 01-*500,132* PC **A02**/MF **A01**

**N84-34348/2**

Search for 183-Ghz Emission from Water in Late-Type Stars.
N84-34348/2 01-*500,133* PC **A02**/MF **A01**

**N84-34349/0**

Search for Emission Lines in the Gaseous Halo of Edge-on Galaxies.
N84-34349/0 01-*500,134* PC **A02**/MF **A01**

**N84-34351/6**

Surface Analysis of Space Telescope Material Specimens.
N84-34351/6 01-*500,121* PC **A04**/MF **A01**

**N84-34359/9**

Cryogenically Cooled, Multidetector Spectrometer for Infrared Astronomy.
N84-34359/9 01-*500,135* PC **A02**/MF **A01**

**N84-34360/7**

Ages of Extragalactic Intermediate-Age Star Clusters.

N84-34360/7 **01**-*500,136* PC **A02**/MF **A01**

**N84-34361/5**

Pioneer 10 and Voyager Observations of the Interstellar Medium in Scattered Emission of the HE584 A and H Lya 1216 A Lines.

N84-34361/5 **01**-*500,137* PC **A02**/MF **A01**

**N84-34363/1**

Trends in Planetary Data Analysis. Executive Summary of the Planetary Data Workshop.

N84-34363/1 **01**-*500,138* PC **A03**/MF **A01**

**N84-34364/9**

Polyphase Tectonics of the Oceanus Procellarum Area on the Moon.

N84-34364/9 **01**-*500,139* PC **A02**/MF **A01**

**N84-34365/6**

Terra Scarps Indicating Youngest Terra Faults on the Moon.

N84-34365/6 **01**-*500,140* PC **A02**/MF **A01**

**N84-34366/4**

Planetary Data Workshop, Part 1.

N84-34366/4 **01**-*500,141* PC **A07**/MF **A01**

**N84-34376/3**

Planetary Data Workshop, Part 2.

N84-34376/3 **01**-*500,142* PC **A07**/MF **A01**

**N84-34383/9**

Particle Excitation, Airglow and H2 Vibrational Disequilibrium in the Atmosphere of Jupiter.

N84-34383/9 **01**-*500,143* PC **A02**/MF **A01**

**N84-34384/7**

Metal-Silicate Relationships in Differentiated Meteorites.

N84-34384/7 **01**-*500,144* PC **A02**/MF **A01**

**N84-34385/4**

Viking Radio Science Data Analysis and Synthesis.

N84-34385/4 **01**-*500,157* PC **A02**/MF **A01**

**N84-34386/2**

Modeling Analysis Program for the JPL Table Mountain IO Sodium Cloud Data.

N84-34386/2 **01**-*500,145* PC **A02**/MF **A01**

**N84-34388/8**

Long-Term Periodicities in the Sunspot Record.

N84-34388/8 **01**-*500,146* PC **A03**/MF **A01**

**N84-34391/2**

Mhd Processes in the Outer Heliosphere.

N84-34391/2 **01**-*500,147* PC **A06**/MF **A01**

**N84-34392/0**

Research in Particles and Fields.

N84-34392/0 **01**-*500,148* PC **A03**/MF **A01**

**N84-34393/8**

Activities of the Technical Physics Service of the Dutch Central Organization for Scientific Research, past and Present.

N84-34393/8 **01**-*501,981* PC **A05**/MF **A01**

**N84-34394/6**

Nachrichten fuer Luftfahrer, Teil 2. Verzeichnis der Nach Absatz 18 der Pruefordnung fuer Luftfahrtgeraet (Luftgerpo) Anerkannten Herstellerbetriebe von Luftfahrtgeraet (Notice for Airmen, Part 2. Index of Approved Manufacturing Operations for Aeronautical Appliances According to Paragraph 18 of Test Procedures for Aeronautical Appliances).

N84-34394/6 **02**-*502,788* PC **A02**/MF **A01**

**N84-34395/3**

Nachrichten fuer Luftfahrer, Teil 2. Verzeichnis der Nach 33 Absatz der Pruefordnung fuer Luftfahrtgeraet Anerkannten Luftfahrttechnischen Betriebe und der Selbstaendigen Pruefer von Luftfahrtgeraet (Notice for Airmen, Part 2. Index of Approved Aeronautical Engineering Operations and of Independent Inspectors According to Paragraph 33 of Test Procedures for Aeronautical Appliances).

N84-34395/3 **02**-*502,789* PC **A03**/MF **A01**

**N84-34396/1**

Flight Test Techniques.

N84-34396/1 **02**-*502,801* PC **A16**/MF **A01**

**N84-34428/2**

Wake Profile Measurements of Fixed and Oscillating Flaps.

N84-34428/2 **02**-*502,779* PC **A03**/MF **A01**

**N84-34429/0**

Laser Velocimeter Measurements of Dynamic Stall.

N84-34429/0 **02**-*502,780* PC **A02**/MF **A01**

**N84-34430/8**

Flow-Field Measurements on an Airfoil with an Oscillating Trailing-Edge Using Holographic Interferometry.

N84-34430/8 **02**-*502,781* PC **A07**/MF **A01**

**N84-34431/6**

Comparison of Frequency-Domain and Time-Domain Rotorcraft Vibration Control Methods.

N84-34431/6 **02**-*502,790* PC **A07**/MF **A01**

**N84-34432/4**

New Method of Evaluating the Side Wall Interference Effect on Airfoil Angle of Attack by Suction from the Side Walls.

N84-34432/4 **02**-*502,782* PC **A03**/MF **A01**

**N84-34438/1**

Grob G 112: Flight Testing Fulfills Expectations.

N84-34438/1 **02**-*502,791* PC **A02**/MF **A01**

**N84-34439/9**

Ground Vibration Test of F-16 Airplane with Initial Decoupler Pylon.

N84-34439/9 **02**-*502,792* PC **A03**/MF **A01**

**N84-34443/1**

System for Indicating Fuel-Efficient Aircraft Altitude.

PATENT-4 474 062 **03**-*505,307* Not available NTIS

**N84-34444/9**

Identification of Quasi-Steady Compressor Characteristics from Transient Data.

N84-34444/9 **02**-*505,221* PC **A13**/MF **A01**

**N84-34445/6**

Identification and Verification of Frequency-Domain Models for XV-15 Tilt-Rotor Aircraft Dynamics.

N84-34445/6 **02**-*502,793* PC **A02**/MF **A01**

**N84-34448/0**

Model Mount System for Testing Flutter.

PATENT-4 475 385 **03**-*506,816* Not available NTIS

**N84-34451/4**

Cryogenic Wind Tunnel Technology. A Way to Measurement at Higher Reynolds Numbers.

N84-34451/4 **02**-*504,485* PC **A03**/MF **A01**

**N84-34456/3**

O Programa Nacional de Plataformas de Coleta de Dados: Informacoes Tecnicas Aos Usuarios (A National Program for Data Collection Platforms: Information Techniques for Users).

N84-34456/3 **02**-*503,825* PC **A03**/MF **A01**

**N84-34457/1**

Ground Test Article for Deployable Space Structure Systems.

N84-34457/1 **02**-*505,236* PC **A02**/MF **A01**

**N84-34458/9**

Stochastic Control of Pitch Motion of Satellites Using Stabilizing Flaps.

N84-34458/9 **02**-*505,237* PC **A03**/MF **A01**

**N84-34459/7**

Study of Space Station Needs, Attributes and Architectural Options.

N84-34459/7 **02**-*505,238* PC **A07**/MF **A01**

**N84-34460/5**

Space Station Needs, Attributes and Architectural Options. Contractor Orientation Briefings.

N84-34460/5 **02**-*505,239* PC **A99**/MF **A01**

**N84-34461/3**

History of on-Orbit Satellite Fragmentations.

N84-34461/3 **02**-*505,240* PC **A15**/MF **A01**

**N84-34464/7**

Space Shuttle Afrsi Oms Pod Environment Test Using Model 81-0 Test Fixture in the Ames Research Center 9X7-Foot Supersonic Wind Tunnel (Os-314A/B/C).

N84-34464/7 **02**-*505,241* PC **A05**

**N84-34465/4**

Study of Outgassing and Decomposition of Space Shuttle Heat Protection Tiles, Fillers and Adhesive.

N84-34465/4 **02**-*505,242* PC **A02**/MF **A01**

**N84-34467/0**

Control Methodologies for Large Space Structures.

N84-34467/0 **02**-*505,243* PC **A03**/MF **A01**

**N84-34468/8**

Thirteenth Space Simulation Conference. The Payload: Testing for Success.

N84-34468/8 **02**-*505,235* PC **A13**/MF **A01**

**N84-34500/8**

Fault-Tolerant Multiprocessing Unit for on-Board Satellite Supervision and Control.

N84-34500/8 **02**-*505,244* PC **A02**/MF **A01**

**N84-34501/6**

Fabrication of Glass Gas Cells for the HALOE and MAPS Satellite Experiments.

N84-34501/6 **02**-*504,316* PC **A03**/MF **A01**

**N84-34505/7**

Exploratory Testing of the Mbb 10 N Bipropellant Engine. Volume 1: Characterization Tests.

N84-34505/7 **02**-*505,230* PC **A05**/MF **A01**

**N84-34506/5**

LEO Atomic Oxygen Effects on Spacecraft Materials. STS-5 Results.

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**N84-34571/9**

Process for Improving Mechanical Properties of Epoxy Resins by Addition of Cobalt Ions.

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**N84-34573/5**

Advanced Composite Vertical Stabilizer for DC-10 Transport Aircraft.

N84-34573/5 **02**-*502,794* PC **A05**/MF **A01**

**N84-34574/3**

Silicon Carbide Material Sintered Bodies Manufacturing.

N84-34574/3 **02**-*504,049* PC **A02**/MF **A01**

**N84-34575/0**

Mechanical Behavior of Carbon-Carbon Composites.

N84-34575/0 **02**-*504,050* PC **A03**/MF **A01**

**N84-34576/8**

Fracture Modes in Notched Angleplied Composite Laminates.

N84-34576/8 **02**-*504,051* PC **A03**/MF **A01**

**N84-34577/6**

Ground Exposure of Composite Materials for Helicopters.

N84-34577/6 **02**-*504,052* PC **A02**/MF **A01**

**N84-34588/3**

Untersuchung von Reaktionen des Methylen-Radiakals MIT Hilfe Eines Fir-Lmr-Spektrometers (Investigation of Reactions of the Methylene Radical by Means of a Far Infrared Laser Magnetic Resonance (Fir-Lmr) Spectrometer).

N84-34588/3 **02**-*503,593* PC **A04**/MF **A01**

**N84-34589/1**

Fundamentals of Alloy Solidification Applied to Industrial Processes.

N84-34589/1 **02**-*504,077* PC **A09**/MF **A01**

**N84-34602/2**

Directional Solidification of Al2-Cu-Al and Al3-Ni-Al Eutectics During Texus Rocket Flight.

N84-34602/2 **02**-*504,078* PC **A04**/MF **A01**

**N84-34603/0**

Evaluation of Candidate Stirling Engine Heater Tube Alloys after 3500 Hours Exposure to High Pressure Doped Hydrogen or Helium.

N84-34603/0 **02**-*504,079* PC **A03**/MF **A01**

**N84-34616/2**

Melt-Flow-Toughness Modified Polyimide.

PAT-APPL-6-649 328 **03**-*505,890* PC **A02**/MF **A01**

**N84-34618/8**

Application of Quantitative Microscopy to Ceramics.

N84-34618/8 **02**-*504,034* PC **A03**/MF **A01**

**N84-34619/6**

Role of Material Properties in Adhesion.

N84-34619/6 **02**-*503,594* PC **A02**/MF **A01**

**N84-34620/4**

Optical and Other Property Changes of M-50 Bearing Steel Surfaces for Different Lubricants and Additive Prior to Scuffing.

N84-34620/4 **02**-*504,086* PC **A02**/MF **A01**

**N84-34629/5**

Effects of Impurities and Additives on the Growth of Polycrystalline TNT.

N84-34629/5 **02**-*504,840* PC **A02**/MF **A01**

**N84-34651/9**

Pipelined Digital SAR Azimuth Correlator Using Hybrid FFT-Transversal Filter.

PATENT-4 471 357 **03**-*506,822* Not available NTIS

**N84-34655/0**

Research in Millimeter Wave Techniques.

N84-34655/0 **02**-*503,857* PC **A02**/MF **A01**

**N84-34675/8**

Monolithic Microwave Integrated Circuit Devices for Active Array Antennas.

N84-34675/8 **02**-*503,858* PC **A03**/MF **A01**

**N84-34692/3**

Improved Monogroove Heat Pipe Design. Insulated Liquid Channel with Bridging Wick.

PAT-APPL-6-615 505 **03**-*506,615* PC **A02**/MF **A01**

**N84-34693/1**

Heat Transfer Characteristics of Regenerator Matrix (Case of Packed Wire Gauzes).

N84-34693/1 **02**-*505,227* PC **A03**/MF **A01**

**N84-34694/9**

Contribution to the Performance of Microjets.

N84-34694/9 **02**-*505,231* PC **A08**/MF **A01**

**N84-34695/6**

Three-Dimensional Laser Doppler Anemometer Measurements of a Jet in a Crossflow.

N84-34695/6 **02**-*504,879* PC **A11**/MF **A01**

**N84-34705/3**

Correlation Spectrometer Having High Resolution and Multiplexing Capability.

PATENT-4 474 471 **03**-*506,815* Not available NTIS

**N84-34708/7**

Conceptual Design of a Hybrid Ge:Ga Detector Array.

N84-34708/7 **02**-*502,865* PC **A07**/MF **A01**

**N84-34709/5**

Magnetic Record Support.

N84-34709/5 **02**-*504,516* PC **A02**/MF **A01**

**N84-34754/0**

Electronic 4-Wheel Drive Control Device.

N84-34764/0 **02**-*504,381* PC **A02**/MF **A01**

**N84-34765/7**

Comparison of Experimental and Theoretical Results for Leakage, Pressure Distribution, and Rotordynamic Coefficients for Annular Gas Seals.

N84-34765/7 **02**-*505,246* PC **A05**/MF **A01**

**N84-34769/9**
Ultrasonic Velocity Measurement Using Phase-Slope Cross-Correlation Methods.
N84-34769/9 **02**-*504,486* PC **A02**/MF **A01**

**N84-34771/5**
Periodic Control of the Individual-Blade-Control Helicopter Rotor.
N84-34771/5 **02**-*502,795* PC **A09**/MF **A01**

**N84-34773/1**
Mixed Models and Recugion Techniques for Large-Rotation, Nonlinear Analysis of Shells of Revolution with Application to Tires.
N84-34773/1 **02**-*504,382* PC **A04**/MF **A01**

**N84-34774/9**
Stress Analysis of a Crack-Layer.
N84-34774/9 **02**-*505,082* PC **A05**/MF **A01**

**N84-34779/8**
Extracts from Symposium: Countersurveillance 1983.
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**N84-34792/1**
Saltless Solar Pond
PATENT-4 470 403 **03**-*506,359* Not available NTIS

**N84-34793/9**
Radiation Effects in Silicon and Gallium Arsenide Solar Cells Using Isotropic and Normally Incident Radiation.
N84-34793/9 **02**-*504,010* PC **A04**/MF **A01**

**N84-34795/4**
San Marco D/L Solar Array System Design and Performance.
N84-34795/4 **02**-*504,011* PC **A03**/MF **A01**

**N84-34805/1**
Vertical Mode Decomposition and Model Resolution.
N84-34805/1 **02**-*502,930* PC **A03**/MF **A01**

**N84-34806/9**
Large Scale Tropical Heat Sources and Global Atmospheric Energy Propagation Associated with Droughts in Northeast Brazil.
N84-34806/9 **02**-*502,931* PC **A02**/MF **A01**

**N84-34807/7**
Large-Scale, Near-Earth, Magnetic Fields from External Sources and the Corresponding Induced Internal Field.
N84-34807/7 **02**-*503,761* PC **A03**/MF **A01**

**N84-34808/5**
Geophysical Interpretation of Satellite Laser Ranging Measurements of Crustal Movement in California.
N84-34808/5 **02**-*503,752* PC **A03**/MF **A01**

**N84-34809/3**
Andean Tectonics: Implications for Satellite Geodesy.
N84-34809/3 **02**-*503,666* PC **A03**/MF **A01**

**N84-34815/0**
Initialization of a Mesoscale Model for April 10, 1979, Using Alternative Data Sources.
N84-34815/0 **02**-*502,932* PC **A11**/MF **A01**

**N84-34816/8**
Meteorological Satellite Center Technical Note No. 9, 1984.
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**N84-34823/4**
Transient Convection over the Amazon/Bolivia Region and the Dynamics of Drought over Northeast Brazil.
N84-34823/4 **02**-*502,934* PC **A02**/MF **A01**

**N84-34824/2**
Synoptic Study of the Influence of Extra-Tropical Latitude Systems on the Climatic Variability in Northeast Brazil.
N84-34824/2 **02**-*502,935* PC **A02**/MF **A01**

**N84-34825/9**
Study of the Influence of Extra-Tropical Latitude Systems on the Climatic Variability in Northeast Brazil.
N54-34825/9 **02**-*502,936* PC **A03**/MF **A01**

**N84-34826/7**
Are Droughts Predictable.
N84-34826/7 **02**-*502,937* PC **A02**/MF **A01**

**N84-34827/5**
Nasa Climate Data Catalog.
N84-34827/5 **02**-*502,938* PC **A06**/MF **A01**

**N84-34828/3**
GASP Cloud- and Particle-Encounter Statistics and Their Application to LPC Aircraft Studies. Volume 1: Analysis and Conclusions.
N84-34828/3 **02**-*502,939* PC **A05**/MF **A01**

**N84-34829/1**
NASA/MSFC FY-84 Atmospheric Processes Research Review.
N84-34829/1 **02**-*502,940* PC **A10**/MF **A01**

**N84-34897/8**
Ground-Based Observations of Equatorial Thermosphere Dynamics with a Fabry-Perot Interferometer.
N84-34897/8 **02**-*502,901* PC **A03**/MF **A01**

**N84-34905/9**
Methodology for Interpretation of SST Retrievals Using the Avhrr Split Window Algorithm.
N84-34905/9 **02**-*503,739* PC **A04**/MF **A01**

**N84-34906/7**
Contouring Program for Generation of Sea Surface Temperature Maps.
N84-34906/7 **02**-*503,740* PC **A03**/MF **A01**

**N84-34913/3**
Apparatus for Disintegrating Kidney Stones.
PATENT-4 474 180 **03**-*505,628* Not available NTIS

**N84-34914/1**
Combined Influence of Stretch, Mobility and Electrical Stimulation in the Prevention of Muscle Fiber Atrophy Caused Hypokinesia and Hypodynamia.
N84-34914/1 **02**-*503,460* PC **A04**/MF **A01**

**N84-34957/0**
Research in the Design of High-Performance Reconfigurable Systems.
N84-34957/0 **02**-*503,826* PC **A03**/MF **A01**

**N84-34973/7**
RECOZ Data Reduction and Analysis: Programs and Procedures.
N84-34973/7 **02**-*502,902* PC **A14**/MF **A01**

**N84-34974/5**
Interactive Digital Signal Processor.
N84-34974/5 **02**-*503,827* PC **A08**/MF **A01**

**N84-34975/2**
Pilot Climate Data System: User's Guide for CHARTS Subsystem.
N84-34975/2 **02**-*503,828* PC **A06**/MF **A01**

**N84-34976/0**
Real-Time Solar Magnetograph Operation System Software Design and User's Guide.
N84-34976/0 **02**-*502,866* PC **A07**/MF **A01**

**N84-34977/8**
Undetected Error Probability and Throughput Analysis of a Concatenated Coding Scheme.
N84-34977/8 **02**-*503,850* PC **A02**/MF **A01**

**N84-35004/0**
Parameter Identification and State Estimation for Distributed Parameter Systems.
N84-35004/0 **02**-*504,129* PC **A02**/MF **A01**

**N84-35005/7**
Few Necessary Considerations for the Use of the Finite Element Methods by Non-Specialists.
N84-35005/7 **02**-*504,130* PC **A03**/MF **A01**

**N84-35006/5**
Representation of the Fokker-Plank Collision Term for Coulomb Interaction as Series of Legendre Polynomials.
N84-35006/5 **02**-*505,050* PC **A03**/MF **A01**

**N84-35007/3**
Note on the Eigenvalues of a Layered System.
N84-35007/3 **02**-*503,741* PC **A02**/MF **A01**

**N84-35008/1**
Multi-Length Arithmetic Implementation and Uses.
N84-35008/1 **02**-*504,131* PC **A02**/MF **A01**

**N84-35009/9**
Enthalpy Damping for the Steady Euler Equations.
N84-35009/9 **02**-*504,880* PC **A02**/MF **A01**

**N84-35033/9**
Slxe-Programme Zur Loesung von Nichtlinearen Systemen von Elliptischen Differentialgleichungen (The Slxe Program for the Solution of Nonlinear Systems of Elliptic Differential Equations).
N84-35033/9 **02**-*504,132* PC **A15**/MF **A01**

**N84-35085/9**
Supersonic Jet Shock Noise Reduction.
N84-35085/9 **02**-*502,796* PC **A03**/MF **A01**

**N84-35095/8**
Large Diameter Optical Slip-Rings.
N84-35095/8 **02**-*504,573* PC **A02**/MF **A01**

**N84-35103/0**
Nonlinear Effects in Electron Cyclotron Resonance Heating of Plasmas.
N84-35103/0 **02**-*505,051* PC **A02**/MF **A01**

**N84-35104/8**
Railgun Plasma Armature Characterisation Experiments.
N84-35104/8 **02**-*504,487* PC **A03**/MF **A01**

**N84-35105/5**
Plasma Heating, Confinement and Stabilization Experiments in Axisymmetric Mirror-Cusp Device.
N84-35105/5 **02**-*505,052* PC **A02**/MF **A01**

**N84-35107/1**
Physics of Nonmagnetic Relativistic Thermal Plasmas.
N84-35107/1 **02**-*505,053* PC **A08**/MF **A01**

**N84-35112/1**
Epitaxial Thinning Process.
PATENT-4 462 871 **03**-*506,749* Not available NTIS

**N84-35113/9**
Process and Apparatus for Growing a Crystal Ribbon.
PATENT-4 469 552 **03**-*505,813* Not available NTIS

**N84-35115/4**
Impurity Cluster States in Disordered 2-Dimensional Systems: A Self-Consistent Hartree-Fock-Roothaan Model
N84-35115/4 **02**-*505,114* PC **A02**/MF **A01**

**N84-35127/9**
Geocoded Data Structures and Their Applications to Earth Science Investigations.
N84-35127/9 **02**-*503,829* PC **A03**/MF **A01**

**N84-35128/7**
General Scientific Information System to Support the Study of Climate-Related Data.
N84-35128/7 **02**-*502,941* PC **A04**/MF **A01**

**N84-35234/3**
X-Ray Spectra of Clusters of Galaxies.
N84-35234/3 **02**-*502,867* PC **A02**/MF **A01**

**N84-35235/0**
Signal-to-Noise Ratio for the Wide Field-Planetary Camera of the Space Telescope.
N84-35235/0 **02**-*502,868* PC **A02**/MF **A01**

**N84-35237/6**
Numerical Simulations of Collisions in Self-Gravitating Systems.
N84-35237/6 **02**-*502,889* PC **A03**/MF **A01**

**N84-35238/4**
Temperature and Elemental Abundances in the Abell Cluster A 576 Derived from X-Ray Observations.
N84-35238/4 **02**-*502,869* PC **A03**/MF **A01**

**N84-35239/2**
22 Ghz Continuum and Spectral Index Maps of the Galactic Center Region.
N84-35239/2 **02**-*502,870* PC **A02**/MF **A01**

**N84-35240/0**
Implications of a Class of Grand Unified Theories for Large Scale Structure in the Universe.
N84-35240/0 **02**-*502,871* PC **A02**/MF **A01**

**N84-35241/8**
Pioneer 10 and 11 (Jupiter and Saturn) Magnetometer Experiment.
N84-35241/8 **02**-*502,872* PC **A01**/MF **A01**

**N84-35242/6**
Voyager 1 and 2 Atlas of Six Saturnian Satellites.
N84-35242/6 **02**-*502,873* PC **A08**/MF **A01**

**N84-35243/4**
Plasma Electron Analysis: Voyager Plasma Science Experiment.
N84-35243/4 **02**-*502,874* PC **A04**/MF **A01**

**N84-35244/2**
Cloud and Ice in the Planetary Scale Circulation and in Climate.
N84-35244/2 **02**-*502,942* PC **A05**/MF **A01**

**N84-35245/9**
Long Time Behaviour of the Interplanetary Magnetic Field-Sectorial Structure.
N84-35245/9 **02**-*502,875* PC **A02**/MF **A01**

**N84-35246/7**
Meteor Showers Effects in the Low Terrestrial Ionosphere Detected at VLF Ionosonde and Long Distance Propagation Paths.
N84-35246/7 **02**-*502,903* PC **A02**/MF **A01**

**N84-35247/5**
Planetary Tectonics.
N84-35247/5 **02**-*502,876* PC **A02**/MF **A01**

**N84-35260/8**
Meteorite Bombardment and Dating of Planetary Surfaces.
N84-35260/8 **02**-*502,877* PC **A08**/MF **A01**

**N84-35261/6**
Participation in the Mars Data Analysis Program: Global and Regional Studies of Wind-Indicators on the Surface of MARS.
N84-35261/6 **02**-*502,878* PC **A02**/MF **A01**

**N84-35262/4**
Wet Model of Saturn's Ionosphere: Water from the Rings.
N84-35262/4 **02**-*502,879* PC **A02**/MF **A01**

**N84-35264/0**
New Class of Solar Burst with mm-Wave Emission But Only at the Highest Frequency (90 Ghz).
N84-35264/0 **02**-*502,880* PC **A02**/MF **A01**

**N84-35265/7**
Studies of Solar Magnetic Fields During the Solar Maximum Year.
N84-35265/7 **02**-*502,881* PC **A04**/MF **A01**

**N84-35281/4**
Spatial Fluctuations in the Diffuse Cosmic X-Ray Background.
N84-35281/4 **02**-*502,882* PC **A22**/MF **A01**

**N84-35282/2**
Nonlinear Temporal Modulation of Pulsar Radioemission.
N84-35282/2 **02**-*502,883* PC **A02**/MF **A01**

**N84-35283/0**
Large Scale Solar Modulation of 500 Mev/N Galactic Cosmic Rays Seen from 1-30 au.
N84-35283/0 **02**-*502,884* PC **A02**/MF **A01**

**N85.2**
Pattern Recognition in Highly-Integrated Circuits.

AD-A155 079/7 **18**-*540,551* PC **A02**/MF **A01**

**N85-10001/4**
Aeronautics Technology Possibilities for 2000: Report of a Workshop.
N85-10001/4 **03**-*505,271* PC **A11**/MF **A01**

**N85-10003/0**
Wind Tunnel Tests on a Tube-Launched Missile Configuration with a Deflectable Nose Control and a Novel Wraparound Fin Stabiliser.
N85-10003/0 **03**-*505,272* PC **A03**/MF **A01**

**N85-10004/8**
Experimental Study of the Transonic Equivalence Rule with Lift, Part 2.
N85-10004/8 **03**-*505,273* PC **A03**/MF **A03**

**N85-10005/5**
Three Degree of Freedom Steady State Point Performance Program: Updated Version 1.
N85-10005/5 **03**-*505,295* PC **A15**/MF **A01**

**N85-10006/3**
Implementation of the Supersonic Triplet Singularity into the USTORE Computer Code.
N85-10006/3 **03**-*505,274* PC **A03**/MF **A01**

**N85-10007/1**
Development and Applications of Algorithms for Calculating the Transonic Flow About Harmonically Oscillating Wings.
N85-10007/1 **03**-*505,275* PC **A08**/MF **A01**

**N85-10008/9**
Vortex Bursting.
N85-10008/9 **03**-*505,276* PC **A04**/MF **A01**

**N85-10009/7**
Integral Equation of Lifting Surfaces in Laplace Domain and Analytic Continuation of Its Pressure Kernel.
N85-10009/7 **03**-*505,277* PC **A03**/MF **A01**

**N85-10010/5**
Study of Aerodynamic Characteristics of Wing-Body Combinations. Part 2: Low-Wing Airplane.
N85-10010/5 **03**-*505,278* PC **A02**/MF **A01**

**N85-10011/3**
Optimum Design of Nonplanar Wings: Minimum Induced Drag for a Given Lift and Wing Root Bending Moment.
N85-10011/3 **03**-*505,279* PC **A02**/MF **A01**

**N85-10012/1**
Numerical Analysis of the 3-Dimensional inviscid Hypersonic Flow around Capsule-Type Bodies by the Alternate Directional Implicit Method.
N85-10012/1 **03**-*505,280* PC **A03**/MF **A01**

**N85-10013/9**
Some Considerations on Aeroelastic Instabilities Caused by Coupling Between Propeller-Type Rotor and Its Supporting Structure.
N85-10013/9 **03**-*505,281* PC **A02**/MF **A01**

**N85-10014/7**
Characteristics of Controlled-Oscillating Annular Cascade Test Facility with Freon Gas.
N85-10014/7 **03**-*505,282* PC **A02**/MF **A01**

**N85-10015/4**
Inlet and Airframe Compatibility for a V/STOL Fighter/Attack Aircraft with Top-Mounted Inlets.
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Helicopter Rotor Blade Design for Minimum Vibration.
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Mathematical Simulation Model of the CH-47B Helicopter, Volume 1.
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Peripheral Vision Horizon Display (PVHD).
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Combustion Gas Properties I-ASTM Jet A Fuel and Dry Air.
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Sintered Silicon Nitride Workpiece.
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Effects of Cobalt, Boron, and Zirconium on the Microstructure of Udimet 738.
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**N85-10266/3**

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Function Algorithms for MPP Scientific Subroutines, Volume 1.
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**N85-10679/7**

Combined Logistic Regression and Zionts-Wallenius Methodology for Multiple Criteria Linear Programming.
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**N85-10680/5**

Packed Storage Program for Angular Momentum Coupling Coefficients.
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**N85-10681/3**

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**N85-10682/1**

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**N85-10683/9**

Floating-Point Function Generation Routines for 16-Bit Microcomputers.
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**N85-10685/4**

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Field Tests of the Real-Data Acquisiton System for the NASA-LaRC Differential Absorption Lidar.
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Communications Protocols for a Fault Tolerant, Integrated Local Area Network for Space Station Applications.
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Generalized Mathematical Solution for Transient off Tracking of Single Vehicles and Truck Combinations.
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**N85-10720/9**

Approximating Hierarchical Normal Priors Using a Vague Component.
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**N85-10721/7**

Comparative Evaluation of Algorithms for Generalized Network Problems.
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**N85-10722/5**

Some Concepts in Multi-Criteria Optimization.
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**N85-10723/3**

Approximation of Nonsmooth Solutions of Hyperbolic Partial Differential Equations.
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Location of Several Outliers in Multiple Regression Data Using Elemental Data.
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**N85-10725/8**

Oscillatory Integrals by Hermite Interpolatory Rules.
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**N85-10726/6**

Recursive Calculation of Curved Finite Element Stiffness Matrices.
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**N85-10727/4**

Cores of Tangent Cones and Clarke's Tangent Cone.
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Numerical Studies in Nonlinear Filtering.
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Inferring of Preferences from Indifferences in Multicriteria Decision Analysis.
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**N85-10730/8**

Model Diagnosis in Two-Way Tables by Means of Row and Column Euclidean Maps.
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Sturmian Expansion Approximation to Three-Body Scattering.
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Spurious Center of Mass Effects in a Dynamically Determined Basis.
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**N85-10733/2**

Simultaneous Rational Approximation of a Function and Its Derivatives in the Complex Plane.
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**N85-10734/0**

Sensitivity Analysis in Generalized Rational Approximation with Restricted Denominator.
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**N85-10736/5**

Convergence of Garlerkin Approximation Schemes for Second-Order Hyperbolic Equations with Dissipation.
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**N85-10737/3**

Polynomial and Power Series FGC-Rings Have Trivial Coefficient Rings.
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**N85-10738/1**

Spline-Galerkin Solution of Integral Equations for 3-Body Scattering Above Break-Up.
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**N85-10739/9**

Subspace Iteration Method for Determining a Dominant Span of Eigenvectors.
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**N85-10740/7**

Bezout Domains, Elementary Divisor Rings, and Pole Assignability.
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**N85-10741/5**

Weighted Polynomial Inequality.
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**N85-10742/3**

Upwind Compact Finite Difference Schemes.
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**N85-10743/1**

Two Concepts of Fundamental Matching.
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**N85-10744/9**

Legendre-tau Approximation for Functional Differential Equations. Part 3: Eigenvalue Approximations and Uniform Stability.
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**N85-10762/1**

Pontryagin Principle for Stochastic Optimal Control.
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**N85-10775/3**

Estimates of Freud-Christoffel Functions for Some Weights with the Whole Real Line as Support.
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**N85-10777/9**

Semiclassical Theory of Resonances.
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**N85-10778/7**

Boundary Behavior of Analytic Functions, Analytic Wave Front Sets and the Intersection Problem of Ehrenpreis.
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**N85-10779/5**

Comment on the Validity of an L2 Treatment of the Center of Mass Problem.
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**N85-10788/6**

Observations from Varying the Lift and Drag Inputs to a Noise Prediction Method for Supersonic Helical Tip Speed Propellers.
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Human Response to Vibroacoustic Environments of Space Vehicles.
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Beam Pulse Length Determination by Spectral Analysis.
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**N85-10794/4**

Calibration of Hall Probes.
N85-10794/4 03-*506,808* PC **A02**/MF **A01**

**N85-10795/1**

Investigation of Current Setting Procedures for Sector Magnets.
N85-10795/1 03-*506,067* PC **A02**/MF **A01**

**N85-10796/9**

Final Magnetic Shimming of Vacuum Chamber Suspension Holes on the Sector Magnets.
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**N85-10797/7**

Results of Prototype Field Measurements on SM4.
N85-10797/7 03-*506,069* PC **A02**/MF **A01**

**N85-10798/5**

Monte Carlo Simulation of Thermalization of Subexcitation Electrons in Molecular Hydrogen.
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**N85-10814/0**

Photon and Electron Dosimetry at the Physikalische-Technische Bundesanstalt in Brunswick.
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Messung Differentieller Streuquerschnitte fuer die Anregung Magnetischer Unterniveaus bei Stoessen von Kalium MIT Quecksilber (Measurement of Magnetic Sublevel Differential Scattering Cross Sections for Potassium and Mercury).
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Notes on Nac Report Nac-83-05: Beam Pulse Length Determination by Spectral Analysis.
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Optical Contacting for Gravity Probe Star Tracker.
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Conversion of Microwave Signals by Superconducting Films in the Resistive State.
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**N85-10844/7**

Plasma Deposited Diamondlike Carbon on GaAs and InP.
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Recent Progress in BGO Development for High Resolution Calorimetry.
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Boltzmann Equation: Global Existence for a Rare Gas in an Infinite Vacuum.
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Optimizing Search with Positive Information Feedback.
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**N85-10856/1**

Data Input, Processing and Presentation.
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**N85-10874/4**

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**N85-10887/6**

Catalogue of the Discrete Sources in the Declination Range from -13 Deg to -2 Deg.
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**N85-10888/4**

Optical Analysis of the Star-Tracker Telescope for Gravity Probe.
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**N85-10890/0**

Test Measurements of the 100 M Telescope at lambda 7 mm.

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Deformations of Two-Dimensional Dissipative Maps.
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Trapping for Newtonian Diffusion Processes.
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Microtektite Discovered in Beijing.
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Estimating Sunspot Number.
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**N85-11127/6**
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**N85-11128/4**
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N85-11128/4 **04**-*510,550* PC **A04**/MF **A01**

**N85-11129/2**
Conceptual Design and Evaluation of Selected Space Station Concepts, Volume 1.
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**N85-11130/0**
Conceptual Design and Evaluation of Selected Space Station Concepts, Volume 2.
N85-11130/0 **04**-*510,552* PC **A09**/MF **A01**

**N85-11131/8**
Characterization of 8-cm Engineering Model Thruster.
N85-11131/8 **04**-*510,425* PC **A05**/MF **A01**

**N85-11132/6**
Investigation of a Pulsed Electrothermal Thruster System.
N85-11132/6 **04**-*510,426* PC **A04**/MF **A01**

**N85-11133/4**
Effect of Plasma on Solar Cell Array Arc Characteristics.
N85-11133/4 **04**-*509,323* PC **A02**/MF **A01**

**N85-11135/9**
Deformation Measurements of Composite Multi-Span Beam Shear Specimens by Moire Interferometry.
N85-11135/9 **04**-*509,367* PC **A05**/MF **A01**

**N85-11136/7**
Fracture Toughness of Fibrous Composite Materials.
N85-11136/7 **04**-*509,368* PC **A04**/MF **A01**

**N85-11137/5**
Investigating Compression Failure Mechanisms in Composite Laminates with a Transparent Fiberglass-Epoxy Birefringent Materials.
N85-11137/5 **04**-*509,369* PC **A02**/MF **A01**

**N85-11138/3**
Development of Failure Criterion for Kevlar-Epoxy Fabric Laminates.
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Tensile Strength of Composite Sheets with Unidirectional Stringers and Crack-Like Damage: A Brief Report.
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**N85-11140/9**
Effect of Stress Concentrations in Composite Structures.
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Advanced Manufacturing Development of a Composite Empennage Component for L-1011 Aircraft.
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**N85-11148/2**
Experiments with Phase Transitions at Very High Pressure.

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Mechanisms of Flame Holding in the Wake of a Bluff Body.
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**N85-11219/1**
Study of Environmental Characterization of Conventional and Advanced Aluminum Alloys for Selection and Design. Phase 2: The Breaking Load Test Method.
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Development of Powder Metallurgy 2XXX Series al Alloys for High Temperature Aircraft Structural Applications.
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Transient Oxidation of Single Crystal NiAl + Zr.
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Electrochemical Study of Hydrogen Uptake and Elimination by Bare and Gold-Plated Waspaloy.
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Effect of Tantalum and Carbon on the Structure/Properties of a Single Crystal Nickel-Base Superalloy.
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**N85-11224/1**
Studies on the Hot Corrosion of a Nickel-Base Superalloy, Udimet 700.
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**N85-11225/8**
Hot Isostatically Pressed Manufacture of High Strength Merl 76 Disk and Seal Shapes.
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Review: The Influence of Short Circuit Diffusion on the Oxidation of Nickel, Chromium and Nickel/Chromium Alloys.
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Plasma Variables and Tribological Properties of Coatings in Low Pressure (0.1 - 10.0 Torr) Plasma Systems.
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Study of Microstrip Antenna Arrays and Related Problems.
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Kzd-85 Motor-Versuch: Motortype: 1 Zyl. 2-Takt-Motor 2100 Husquarna (The Kzd-85 Engine Test. Engine Type: 1 Cylinder, 2 Stroke Motor 2100 Husquarna).
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Materials Properties, Loads, and Stress Analysis, Spartan REM: Appendix A.
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Computer Models and Output, Spartan REM: Appendix B.
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Mapeamento Tematico de Areas-Alvos Favoraveis a Ocorrencia de Cassiterita No Macico Granitico da Serra do Mocambo (Go), a Partir de Imagens Digitais do LANDSAT-2 (Thematic Mapping of Likely Target Areas for the Occurrence of Cassiterite in the Serra Do Mocambo (Go) Granitic Massifs Using LANDSAT 2 Digital Imaging).
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Projeto Serge: Trabalho de Campo Referente AO Experimento Sir-a No Brasil (Fase 2) (Shuttle Experimental Radar for Geological Exploration (SERGE) Project. Field Work Relating to the Shuttle Experimental Radar A (SIR-A) in Brazil (Phase 2)).
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Uso de Microprocessadores NAS Estacoes de Rastreio E Controle de Satelites DA Mecb (The Application of Microprocessors in the Command and Control of Satellites by the MECB Stations).
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DISCUS Multiprocessor Enhancements.
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Criterios Para Otimizacao Do Fluxo de Processamento Em Um Modelo de Computador Incremental COM Recursos de Multiprocessamento (Criteria for the Optimization of Processing Flow in a Model of an Incremental Computer with Multiprocessing Resources).
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Proposta de Um Sistema Semi-Automatico Para Teste de Programas (Proposal for a Semiautomatic Program Testing System).
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PASCAL-Mp Manipulador Algebrico E Numerico de Polinomios (PASCAL-Mp Algebraic and Numerical Manipulator for Polynomials).
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Descricao Do Suporte Logico de Um Sistema de Processamento de Imagens (Description of the Logical Support for an Image Processing System).
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Sistema Sitim - Modulo Gerenciador (SITIM System: Object Manager Module).
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Sistema Sitim - Utilizacao Do Supervisorio (SITIM System: Supervisor Utilization).
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Effects of Microstructure on the Temper Embrittlement Susceptibility of a Cr-2-1/4 1Mo Forging.
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Brittleness of Ceramics.
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Microstructure of Ceramics Fabricated by Unidirectional Solidification.
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Ceramic Powder for Sintering Materials.
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Activities Report of the Department of Engineering.
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SLIM TDMA ANIK B Pilot Project.
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N85-12873/4 **07**-*515,213* PC **A03**/MF **A01**

**N85-12874/2**
Singularitaeten-Modell Zur Analyse der Wandinterferenz in Geschlossenen Windkanalen Nach der Wanddricksignatur-Methode (Blockierung und Auftrieb) (Singularity Model for the Analysis of Wall Interference in Closed Wind Tunnels According to the Wall Pressure Signature Method (Blockage and Lift)).
N85-12874/2 **07**-*515,214* PC **A05**/MF **A01**

**N85-12875/9**
Wandeinfluss-Korrekturen in Windkanaelen: Blockierungskorrektur Nach der Wandrucksignatur-Methode (Wall Influence Corrections in Wind Tunnels: Blockage Correction According to the Wall Pressure Signature Method).
N85-12875/9 **07**-*515,215* PC **A04**/MF **A01**

**N85-12876/7**
Parametrische Bestimmung der Blockierungsinterferenzen fuer Drei-Dimensionale Modelle im Transonic-Kanal des Eidgenoessisches Flugzwerk, Emmen (Parametric Determination of Blockage Interference of 3-Dimensional Models in the Emmen Federal Aircraft Works Transonic Tunnel (Switzerland)).
N85-12876/7 **07**-*515,216* PC **A03**/MF **A01**

**N85-12877/5**
Grenzschichtuntersuchungen im Transonic-Kanal des Eidgenoessisches Flugzwerke, Emmen (Investigations of Boundary Layers in the Emmen Federal Aircraft Works Transonic Tunnel, Switzerland).
N85-12877/5 **07**-*515,217* PC **A07**/MF **A01**

**N85-12878/3**
Vergleichende Stroemungsrechnung an Transsonischen Kegel/Zylinder-Eidhmodellen im Zusammenhang MIT Dem Wandinterferenzproblem (Comparative Flow Calculation on Transonic Cone/Cylinder Standard Models in Connection with the Wall Interference Problem).
N85-12878/3 **07**-*515,218* PC **A07**/MF **A01**

**N85-12879/1**
Local Slot Boundary Condition for Transonic Flow Calculations in Slotted-Wall Test Sections of Wind Tunnels.
N85-12879/1 **07**-*515,219* PC **A03**/MF **A01**

**N85-12882/5**
Analise E Simulacao de Um Sistema Inercial (Strapdown) de Determinacao de Atitude Auxiliado Por Estimacao Adaptativa DA Deriva (Analysis and Simulation of an Intertial System (Strapdown) for Auxiliary Attitude Determination by Adaptive Drift Estimation).
N85-12882/5 **07**-*515,303* PC **A07**/MF **A01**

**N85-12884/1**
Flight and Wind-Tunnel Comparisons of the Inlet-Airframe Interaction of the F-15 Airplane.
N85-12884/1 **07**-*514,334* PC **A03**/MF **A01**

**N85-12885/8**
Realistic Localizer Courses for Aircraft Instrument Landing Simulators.
N85-12885/8 **07**-*514,531* PC **A05**/MF **A01**

**N85-12886/6**
Les Materiaux Structuraux Modernes Situation Actuelles et Perspectives d'Evolution (Modern Structural Materials. Present Situation and Evolution Prospects).
N85-12886/6 **07**-*514,335* PC **A04**/MF **A01**

**N85-12888/2**
Graphische Software Zur Darstellung der Deformationsbewegung Eines Koerpers (Graphics Software for the Display of Body Deformation Motion).
N85-12888/2 **07**-*514,336* PC **A05**/MF **A01**

**N85-12889/0**
System Status Display Information.
N85-12889/0 **07**-*514,341* PC **A04**/MF **A01**

**N85-12890/8**
Turbine Blade Damping Study.
N85-12890/8 **07**-*515,683* PC **A09**/MF **A01**

**N85-12894/0**
Experimental Investigation of Two-Dimensional Thrust Augmenting Ejectors, Part 1.
N85-12894/0 **07**-*515,684* PC **A06**/MF **A01**

**N85-12895/7**
Experimental Investigation of Two-Dimensional Thrust Augmenting Ejectors, Part 2.
N85-12895/7 **07**-*515,685* PC **A05**/MF **A01**

**N85-12899/9**
Development and Fabrication of Refractory Bodies for Gas Turbine Engines.
N85-12899/9 **07**-*515,686* PC **A04**/MF **A01**

**N85-12900/5**
Flight Tests of the Digital Integrated Automatic Landing System (Dials).
N85-12900/5 **07**-*515,304* PC **A07**/MF **A01**

**N85-12901/3**
High-Temperature Optically Activated GaAs Power Switching for Aircraft Digital Electronic Control.
N85-12901/3 **07**-*514,337* PC **A10**/MF **A01**

**N85-12903/9**
Preliminary Checkout, Evaluation and Calibration of a 3-Component Force Measurement System for Calibrating Propulsion Simulators for Wind Tunnel Models.
N85-12903/9 **07**-*515,220* PC **A09**/MF **A01**

**N85-12904/7**
Untersuchung Zur Verbesserung der Transonic-Kanal-Messstrecke des Eidgenoessisches Flugzwerke, Emmen (Investigation for the Improvement of the Transonic Tunnel Working Section of the Emmen Federal Aircraft Works (Switzerland)).
N85-12904/7 **07**-*515,221* PC **A04**/MF **A01**

**N85-12905/4**
Mission Science Value-Cost Savings from the Advanced Imaging Communication System (AICS) (Advanced Imaging Communication System).
N85-12905/4 **07**-*515,283* PC **A03**/MF **A01**

**N85-12906/2**
Technologies for Space Station Autonomy.
N85-12906/2 **07**-*515,713* PC **A05**/MF **A01**

**N85-12907/0**
Colloquium About Joint Projects within DFVLR/ISRO(Deutsche Forschungs- und Versuchsanstalt fuer Luft- und Raumfahrt/Indian Space Research Organization, Bangalore, Satellite Centre) Cooperation.
N85-12907/0 **07**-*515,703* PC **A06**/MF **A01**

**N85-12915/3**
Mars Dust Sample Return Mission.
N85-12915/3 **07**-*515,704* PC **A03**/MF **A01**

**N85-12916/1**
Mission Interstellaire (Interstellar Mission).
N85-12916/1 **07**-*515,705* PC **A06**/MF **A01**

**N85-12917/9**
Les Systemes de Lancements (Launching Systems).
N85-12917/9 **07**-*515,721* PC **A04**/MF **A01**

**N85-12918/7**
Reduction and Analysis of Data from the Plasma Wave Instruments on the IMP-6 and IMP-8 Spacecraft.
N85-12918/7 **07**-*514,405* PC **A03**/MF **A01**

**N85-12920/3**
Oil-Flow Study of a Space Shuttle Orbiter Tip-Fin Controller.
N85-12920/3 **07**-*515,714* PC **A04**/MF **A01**

**N85-12921/1**
Selected Tether Applications in Space: An Analysis of Five Selected Concepts.
N85-12921/1 **07**-*515,706* PC **A10**/MF **A01**

**N85-12922/9**
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N85-12922/9 **07**-*515,707* PC **A05**/MF **A01**

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**N85-12924/5**
Launch Summary for 1978 - 1982.
N85-12924/5 **07**-*515,722* PC **A06**/MF **A01**

**N85-12925/2**
Technologies des Missiles Tactiques: Recherches et Perspectives d'Avenir (Tactical Missiles Technologies. Research and Prospectives).
N85-12925/2 **07**-*515,276* PC **A03**/MF **A01**

**N85-12926/0**
Space Know-How, Twenty Years' Space Experience.
N85-12926/0 **07**-*515,715* PC **A02**/MF **A01**

**N85-12931/0**
Autonomous Momentum Management for Space Station.
N85-12931/0 **07**-*515,716* PC **A04**/MF **A01**

**N85-12932/8**
Conceptual Design for Scaled Truss Antenna Flight Experiment.
N85-12932/8 **07**-*515,717* PC **A03**/MF **A01**

**N85-12933/6**
Autonomous Momentum Management for Space Station, Exhibit A.
N85-12933/6 **07**-*515,718* PC **A04**/MF **A01**

**N85-12934/4**
Design, Fabrication and Delivery of a Spacelab Neutral Buoyancy Instrument Pointing System (IPS) Mockup.
N85-12934/4 **07**-*514,532* PC **A04**/MF **A01**

**N85-12935/1**
Ion Thruster Performance Model.
N85-12935/1 **07**-*515,602* PC **A07**/MF **A01**

**N85-12936/9**
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N85-12936/9 **07**-*515,719* PC **A05**/MF **A01**

**N85-12937/7**
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N85-12937/7 **07**-*515,603* PC **A07**/MF **A01**

**N85-12941/9**
Tough Composite Materials.
N85-12941/9 **07**-*514,973* PC **A17**/MF **A01**

**N85-12966/6**
Composite Structural Materials.
N85-12966/6 **07**-*514,974* PC **A08**/MF **A01**

**N85-12979/9**
Essai 17.208: Statistique sur les Caracteristics de Base des Composites Carbone-Epoxy (Traction) (Test Report No. 17.208: Statistics of the Basic Characteristics of Carbon-Epoxy Composites).
N85-12979/9 **07**-*514,975* PC **A04**/MF **A01**

**N85-12980/7**
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N85-12980/7 **07**-*514,976* PC **A02**/MF **A01**

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N85-12981/5 **07**-*514,977* PC **A04**/MF **A01**

**N85-12982/3**
Preparation of Sinter-Active Silicon Carbide Powders.
N85-12982/3 **07**-*514,978* PC **A05**/MF **A01**

**N85-13000/3**
Mathematical Models for the Boiling Diagram of the Ideal Two-Component Mixture.
N85-13000/3 **07**-*514,701* PC **A03**/MF **A01**

**N85-13001/1**
Development and Testing of Thin Film Cells for High Temperature Water Vapor Electrolysis.
N85-13001/1 **07**-*514,702* PC **A05**/MF **A01**

**N85-13002/9**
PRIAMUS: Ein Rechenprogramm zur Bestimmung Thermophysikalischer Stoffwerte von Gasmischungen Aus O2, N2, CO, CO7, He, H2O, H2 und CH4 (PRIAMUS, a Computer Program for the Calculation of Thermophysical Properties of Gas Mixtures Containing O2, N2, CO, CO2, He, H2O, H2, CH4).
N85-13002/9 **07**-*514,703* PC **A04**/MF **A01**

**N85-13003/7**
Combustion Waves in Dispersed-2-Phase Mixtures.
N85-13003/7 **07**-*514,704* PC **A02**/MF **A01**

**N85-13006/0**
Effect of Humidity on Fretting Wear of Several Pure Metals.
N85-13006/0 **07**-*514,992* PC **A02**/MF **A01**

**N85-13007/8**
Stirling Material Technology.
N85-13007/8 **07**-*515,692* PC **A02**/MF **A01**

**N85-13008/6**
Structural Changes During Milling of Aluminum Oxide Powders.
N85-13008/6 **07**-*514,959* PC **A02**/MF **A01**

**N85-13009/4**
Alpha-Form of the Hydroxides of Bivalent Metals.
N85-13009/4 **07**-*514,705* PC **A03**/MF **A01**

**N85-13010/2**
Reactive Sintering of SiC.
N85-13010/2 **07**-*514,960* PC **A02**/MF **A01**

**N85-13036/7**
Ion Contrasting Chamber for Discrimination of Grains and Textures.
N85-13036/7 **07**-*514,993* PC **A03**/MF **A01**

**N85-13037/5**
Corrosions des Laitons de Robinetterie (Corrosion of Brass in Potable Water Service).
N85-13037/5 **07**-*514,994* PC **A02**/MF **A01**

**N85-13038/3**
Interactions Between Corrosion and Creep of Uncoated and Coated Superalloys in Sulfate Melts.
N85-13038/3 **07**-*514,995* PC **A03**/MF **A01**

**N85-13039/1**
Development of Rapidly Quenched Alloys with Special Physical Properties and of Processes for Their Continuous Production.
N85-13039/1 **07**-*514,996* PC **A09**/MF **A01**

**N85-13043/3**
Development of Acceptance Criteria for Batches of Silane Primer for External Tank Thermal Protection System Bonding Applications.
N85-13043/3 **07**-*514,681* PC **A05**/MF **A01**

**N85-13044/1**
Effect of Barrier Height on Friction Behavior of the Semiconductors Silicon and Gallium Arsenide in Contact with Pure Metals.
N85-13044/1 **07**-*514,791* PC **A02**/MF **A01**

**N85-13045/8**
High-Temperature Erosion of Plasma-Sprayed, Yttria-Stabilized Zirconia in a Simulated Turbine Environment.
N85-13045/8 **07**-*514,961* PC **A02**/MF **A01**

**N85-13046/6**
Toughening Mechanism in Elastomer-Modified Epoxy Resins, Part 2.
N85-13046/6 **07**-*515,018* PC **A04**/MF **A01**

**N85-13048/2**
Study of the Pore Structure of Ceramics Prepared by the Slip Casting Method.
N85-13048/2 **07**-*514,962* PC **A02**/MF **A01**

**N85-13049/0**
Essai 17.202: Caracterisation de Resine Polyimide (Polyimide Resin Characteristics, Test).
N85-13049/0 **07**-*514,979* PC **A03**/MF **A01**

**N85-13061/5**
Fluorescent Dyes for Luminescent Solar Concentrators.
N85-13061/5 **07**-*514,919* PC **A06**/MF **A01**

**N85-13062/3**
Optimisation de l'Injection des Thermoplastiques Thermostables Peek Renforces de Fibres Courtes de Carbone (Optimization of the Injection Process for Thermostatic Polyether-Ether-Ketone (Peek) Thermoplastics Reinforced with Short Carbon Fibers).
N85-13062/3 **07**-*515,013* PC **A02**/MF **A01**

**N85-13066/4**
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N85-13066/4 **07**-*515,668* PC **A03**/MF **A01**

**N85-13072/2**
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N85-13072/2 **07**-*515,500* PC **A03**/MF **A01**

**N85-13073/0**
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N85-13073/0 **07**-*515,669* PC **A02**/MF **A01**

**N85-13075/5**
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**N85-13085/4**
L'Electroformage du Nickel (Electroforming of Nickel).
N85-13085/4 **07**-*515,148* PC **A03**/MF **A01**

**N85-13137/3**
Limitantes DA Equivocacao Em Canais Gaussianos Aditivos (Equivocation Limits in Gaussian Additive Channels).
N85-13137/3 **07**-*514,858* PC **A02**/MF **A01**

**N85-13139/9**
Fiber Optic Data Bus Using Frequency Division Multiplexing (FDM) (Frequency Division Multiplexing) and an Asymmetric Coupler.
N85-13139/9 **07**-*515,284* PC **A02**/MF **A01**

**N85-13146/4**
Transmission de la Television en Modulation de Frequence (Television Transmission in Frequency Modulation).
N85-13146/4 **07**-*515,285* PC **A02**/MF **A01**

**N85-13147/2**
Systeme de Telecommunications Par Satellite Telecom 1 (The Telecom 1 Satellite Telecommunication System).
N85-13147/2 **07**-*515,286* PC **A02**/MF **A01**

**N85-13148/0**
Methodology for the Implementation of a Domestic Satellite Communications Network.

N85-13148/0 07-*515,287* PC **A03**/MF **A01**

**N85-13149/8**
Carrier Acquisition and Tracking by a COSTAS Loop with Automatic Frequency Control.
N85-13149/8 07-*515,288* PC **A04**/MF **A01**

**N85-13150/6**
Apollo System Requirements Specification.
N85-13150/6 07-*515,289* PC **A03**/MF **A01**

**N85-13151/4**
Transmission Analysis for the Use of 2-4 PSK (Phase Shift Keying) Modulation in Satellite Broadcasting.
N85-13151/4 07-*515,290* PC **A07**/MF **A01**

**N85-13152/2**
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N85-13152/2 07-*515,291* PC **A03**/MF **A01**

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**N85-13154/8**
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N85-13154/8 07-*515,345* PC **A02**/MF **A01**

**N85-13155/5**
Implementing Waveguide Bandwidth Six-Port Reflectometer Circuits at Millimetric Wavelengths.
N85-13155/5 07-*515,222* PC **A02**/MF **A01**

**N85-13156/3**
Procedures for Precap Visual Inspection.
N85-13156/3 07-*515,149* PC **A05**/MF **A01**

**N85-13157/1**
Control Aspects of the Schuchuli Village Stand-Alone Photovoltaic Power System.
N85-13157/1 07-*514,944* PC **A03**/MF **A01**

**N85-13166/2**
Les Transistors MOS de Puissance (Metal Oxide Semiconductors Power Transistors).
N85-13166/2 07-*514,792* PC **A02**/MF **A01**

**N85-13167/0**
Simulation d'Une Chaine de Transmission a Elements Faiblement Non Lineaires. Calculs des Produits d'Intermodulation sur UN Signal Compose de N Porteuses (Simulation of a Transmission Circuit Composed of Slightly Nonlinear Elements. Computation of the Intermodulation on Signals Composed of N Carriers).
N85-13167/0 07-*514,859* PC **A04**/MF **A01**

**N85-13168/8**
Conception de Circuits Assistee Par Ordinateur: Realisation de Masques pour l'Elaboration de Circuits Microondes (Computerized Circuit Designs: Realization of Masks to Manufacture Microwave Circuits).
N85-13168/8 07-*515,150* PC **A05**/MF **A01**

**N85-13169/6**
Les Composants Electronics pour Applications Spatiales (Electronic Components for Space Applications).
N85-13169/6 07-*514,849* PC **A05**/MF **A01**

**N85-13170/4**
Qualification of a Thick Film Hybrid.
N85-13170/4 07-*514,864* PC **A03**/MF **A01**

**N85-13171/2**
Pulse Injection on a Power Cable Penetrating a Shielding Wall by Feed-Through Capacitors.
N85-13171/2 07-*514,793* PC **A03**/MF **A01**

**N85-13172/0**
Improvement of Lightning Arresters Energy Capability.
N85-13172/0 07-*514,794* PC **A02**/MF **A01**

**N85-13175/3**
Preliminary Study of Numerical Simulation of Thermosolutal Convection of Interest to Crystal Growth.
N85-13175/3 07-*515,523* PC **A03**/MF **A01**

**N85-13192/8**
Partikelmitfuehrung in Einem Kompressiblen Wirbel (Particl Entrainment in a Compressible Vortex).
N85-13192/8 07-*515,532* PC **A02**/MF **A01**

**N85-13193/6**
Etudes des Correlations Vitesse-Pression Acoustique Conditionnees sur le Signe et l'Amplitude de la Fluctuation de Vitesse dans UN Jet Froid (Study of the Velocity-Acoustic Pressure Correlation in a Cold Jet, Centered on the Sign and the Amplitude of the Velocity Fluctuations).
N85-13193/6 07-*515,516* PC **A03**/MF **A01**

**N85-13194/4**
Model Equations Describing Unsteady Fluid Motion.
N85-13194/4 07-*515,533* PC **A03**/MF **A01**

**N85-13195/1**
Numerical Calculation of Steady Turbulent Flows in Adverse Pressure Gradients.
N85-13195/1 07-*515,534* PC **A03**/MF **A01**

**N85-13196/9**
Progress in the Development of a Two-Fluid Model of Turbulence for Near-Wall Flows. Part 1.
N85-13196/9 07-*515,535* PC **A03**/MF **A01**

**N85-13197/7**
Progress in the Development of a Two-Fluid Model of Turbulence for Near-Wall Flows. Part 3: Preliminary Investigation of a Stably-Stratified Boundary Layer.
N85-13197/7 07-*515,536* PC **A02**/MF **A01**

**N85-13198/5**
Proposal for Wall Function for Friction and Heat Transfer in the Presence of Roughness and Mass Transfer.
N85-13198/5 07-*515,537* PC **A02**/MF **A01**

**N85-13199/3**
Organ-Pipe Oscillation.
N85-13199/3 07-*515,178* PC **A03**/MF **A01**

**N85-13200/9**
Laminar Jet Issuing into Stagnant Surroundings.
N85-13200/9 07-*515,538* PC **A03**/MF **A01**

**N85-13201/7**
Bruit Robinet/Fluctuations de Pression. Etude du Comportement Acoustique des Equipments Hydrauliques du Batiment en Fonction de la Temperature (Tap Noise-Pressure Fluctuations. Study of the Acoustic Behavior of Hydraulic Equipment in Buildings as a Function of the Temperature).
N85-13201/7 07-*515,179* PC **A08**/MF **A01**

**N85-13205/8**
Study of Instrument Design Options for the Columbus Spectroscopy Mission.
N85-13205/8 07-*515,223* PC **A07**/MF **A01**

**N85-13215/7**
Development of Components for Micro-C Oriented Sensor Systems.
N85-13215/7 07-*515,224* PC **A09**/MF **A01**

**N85-13216/5**
Magnetic Inductive Flowmeter for Low Conducting Liquids.
N85-13216/5 07-*515,225* PC **A04**/MF **A01**

**N85-13217/3**
Development of a Feasibility Model for a Thin-Film Precision Power Meter.
N85-13217/3 07-*515,226* PC **A03**/MF **A01**

**N85-13218/1**
Instrumented Impact Testing Machine with Reduced Specimen Oscillation Effects.
N85-13218/1 07-*515,227* PC **A03**/MF **A01**

**N85-13219/9**
Ion Beam Lithography.
N85-13219/9 07-*515,151* PC **A05**/MF **A01**

**N85-13221/5**
Investigation of RF Excited CW CO2 Waveguide Lasers.
N85-13221/5 07-*515,546* PC **A03**/MF **A01**

**N85-13230/6**
Laser for Determining the Ignition Conditions of a Pyrotechnic Mixture.
N85-13230/6 07-*515,598* PC **A03**/MF **A01**

**N85-13231/4**
Focusing Effects of a Laser Beam in the Nonresonant Multiphoton Ionization MPI(Multiphoton Ionization) of Gases.
N85-13231/4 07-*515,573* PC **A03**/MF **A01**

**N85-13232/2**
Improved Sensitivities in Laser Interferometers for the Detection of Gravitational Waves.
N85-13232/2 07-*515,574* PC **A02**/MF **A01**

**N85-13233/0**
Effect of Two Inner-Ring Oil-Flow Distribution Schemes on the Operating Characteristics of a 35 Millimeter Bore Ball Bearing to 2.5 Million Dn.
N85-13233/0 07-*515,165* PC **A02**/MF **A01**

**N85-13234/8**
Effect of Lubricant Extreme-Pressure Additives on Surface Fatigue Life of AISI 9310 Spur Gears.
N85-13234/8 07-*515,166* PC **A02**/MF **A01**

**N85-13235/5**
Advanced Automotive Diesel Assessment Program.
N85-13235/5 07-*515,693* PC **A16**/MF **A01**

**N85-13245/4**
Evaluation of Heat Engine for Hybrid Vehicle Application.
N85-13245/4 07-*515,604* PC **A04**/MF **A01**

**N85-13252/0**
Conduite d'Une Cellule Flexible d'Usinage (Design of a Flexible Machining System).
N85-13252/0 07-*515,152* PC **A07**/MF **A01**

**N85-13253/8**
Surveillance des Machines (The Monitoring of Machines).
N85-13253/8 07-*515,167* PC **A03**/MF **A01**

**N85-13257/9**
L'Organisation de la Qualite (Quality Organization).
N85-13257/9 07-*515,255* PC **A07**/MF **A01**

**N85-13258/7**
Fiabilite Composants et Technologies d'Assemblage (Component Reliability and Assembling Technologies).
N85-13258/7 07-*515,153* PC **A04**/MF **A01**

**N85-13259/5**
ESA(European Space Agency) Product Assurance Specification System: Explanatory Note.
N85-13259/5 07-*515,720* PC **A02**/MF **A01**

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Full-Scale Crash-Test Evaluation of Two Load-Limiting Subfloors for General Aviation Airframes.
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Flutter Parametric Studies of Cantilevered Twin-Engine-Transport Type Wing with and Without Winglet. Volume 1: Low-Speed Investigations.
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Flutter Parametric Studies of Cantilevered Twin-Engine Transport Type Wing with and Without Winglet. Volume 2: Transonic and Density Effect Investigations.
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**N85-13550/7**
Experimental Investigation of Shock-Cell Noise Reduction for Single Stream Nozzles in Simulated Flight.
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Bruit des Petits Groupes Moto-Compresseurs Mobiles: Experimentation de Plusieurs Traitements Acoustiques de Cout Limite et Permettant des Gains Progressifs (Noise in Small Portable Motocompressors: Experiments on Limited-Cost Acoustic Treatments to Obtain Progressive Improvements).
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Scintillator-Fiber Charged Particle Track-Imaging Detector.
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Energieuebertraege bei Atom-Molekuel-Streuexperimenten AM Beispiel der Systeme SF6-AR, CF4-Ne und Xe-CO2 im I 1 Ev-Bereich (Energy Transfer in Atom-Molecule Scattering Experiments in the 1EV Region with SF6-AR, CF4-Ne and Xe-CO2 Systems as Examples).
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Untersuchung der K Wechselwirkung bei Stossenergien Zwischen 0.5 und 5.7 Ev (Investigation on K (4 2P3/2) Hg Interaction at Collision Energies from 0.5 to 5.7 Ev).
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Rotationsinelastic Streuung von He-Atoms an HF-, HCl-, CF4-, SF6-, C2H6- und C2F6-Molekuelen (Rotational Inelastic Scattering of He-Atoms at HF-, HCl-, CF4-, SF6-, C2H6- and C2F6-Molecules).
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Fiber Optic, Fabry-Perot High Temperature Sensor.
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**N85-13670/3**
Fy 1984 Scientific and Technical Reports, Articles, Papers and Presentations.
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Un Systeme de Documentation Electronique (An Electronic Documentation System).
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**N85-13684/4**
L'Analyse de la Valeur (Value Analysis).
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International Comparative Study of Systems for the Government Advancement of Research and Development.
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**N85-13692/7**
Overview of Waste Heat Utilization Systems.
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Activities at the Lunar and Planetary Institute.
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Normal Incidence, High Resolution X-Ray Telescope for Solar Coronal Observations.
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Detection of Submillimeter Polarization in the Orion Nebula.
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**N85-13701/6**
Far-Infrared Photometry of Compact Extragalactic Sources: OJ 187 and BL Lac
N85-13701/6 **07**-*514,389* PC **A02**/MF **A01**

**N85-13702/4**
Far-Infrared Line Emission from the Galaxy.
N85-13702/4 **07**-*514,390* PC **A10**/MF **A01**

**N85-13703/2**
Outer Atmospheres of Giant and Supergiant Stars.
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**N85-13704/0**
RS CV sub n Binary Systems.
N85-13704/0 **07**-*514,392* PC **A02**/MF **A01**

**N85-13705/7**
Absolute Transition Probabilities of Lines in the Spectra of Astrophysical Atoms, Molecules, and Ions
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**N85-13707/3**
Search for the Radiative Decay of a Cosmic Relic Particle with IUE.
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Conference on the Origin of the Moon.
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Laboratory Studies of Atomic Collision Processes of Importance in Planetary Atmospheres.
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**N85-13759/4**
Outer Satellite Atmospheres: Their Nature and Planetary Interactions.
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**N85-13760/2**
Magnetohydrodynamic and Gasdynamic Theories for Planetary Bow Waves.
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**N85-13761/0**
Interplanetary Radio Storms. 2: Emission Levels and Solar Wind Speed in the Range 0.05-0.8 AU.
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**N85-13762/8**
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Space Shuttle Orbiter Trimmed Center-of-Gravity Extension Study. Volume 8: Effects of Configuration Modifications on the Aerodynamic Characteristics of the 140 A/B Orbiter at a Mach Number of 5.97.
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**N85-13776/8**
Computer Programs to Predict Induced Effects of Jets Exhausting into a Crossflow.
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**N85-13777/6**
Experimental Investigation of the Parallel Blade-Vortex Interaction.
N85-13777/6 **08**-*515,725* PC **A03**/MF **A01**

**N85-13778/4**
Flow around Bluff Bodies: Numerical and Experimental Approaches.
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**N85-13787/5**
Stroemungsbereich Um Schlanke Fluegel Unter Beruecksichtigung der Stroemungsabloesung an der Seitenkante (Flow Calculation on a Thin Wing, with Specific Attention to Separation Point at the Trailing Edge).
N85-13787/5 **08**-*515,727* PC **A03**/MF **A01**

**N85-13792/5**
German Domestic Scheduled Air Transport in the Year 2000.
N85-13792/5 **08**-*515,737* PC **A05**/MF **A01**

**N85-13794/1**
Time Comparison with Gps Technique and First Results with the DFVLR C/A Code Receiver.
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**N85-13795/8**
Planeur Propulse Dg 400 (The DG400 Propulsed Glider).
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**N85-13798/2**
New Integration Techniques for Chemical Kinetic Rate Equations. 2: Accuracy Comparison.
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**N85-13800/6**
Flying Qualities and Control System Characteristics for Superaugmented Aircraft.
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**N85-13801/4**
in-Flight Investigation of a Twin Fuselage Configuration in Approach and Landing.
N85-13801/4 **08**-*515,750* PC **A05**/MF **A01**

**N85-13802/2**
Boundary Layer Simulator Improvement.
N85-13802/2 **08**-*518,307* PC **A07**/MF **A01**

**N85-13838/6**
Definition of Ground Test for Verification of Large Space Structure Control.
N85-13838/6 **08**-*518,310* PC **A08**/MF **A01**

**N85-13850/1**
Assessment of Integrated Flywheel System Technology.
N85-13850/1 **08**-*516,834* PC **A18**/MF **A01**

**N85-13880/8**
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N85-13880/8 **08**-*516,820* PC **A14**/MF **A01**

**N85-13910/3**
Historical Overview of the Electrical Power Systems in the US Manned and Some US Unmanned Spacecraft.
N85-13910/3 **08**-*518,311* PC **A08**/MF **A01**

**N85-13911/1**
Investigation of the Relations Between Neat Resin and Advanced Composite Mechanical Properties. Volume 1: Results.
N85-13911/1 **08**-*516,853* PC **A12**/MF **A01**

**N85-13912/9**
Full-Scale Testing, Production and Cost Analysis Data for the Advanced Composite Stabilizer for Boeing 737 Aircraft. Volume 1: Technical Summary.
N85-13912/9 **08**-*515,751* PC **A03**/MF **A01**

**N85-13913/7**
Design, Ancillary Testing, Analysis and Fabrication Data for the Advanced Composite Stabilizer for Boeing 737 Aircraft. Volume 1: Technical Summary.
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**N85-13914/5**
Design, Ancillary Testing, Analysis and Fabrication Data for the Advanced Composite Stabilizer for Boeing 737 Aircraft, Volume 2.
N85-13914/5 **08**-*515,753* PC **A17**/MF **A01**

**N85-13915/2**
Full-Scale Testing, Production and Cost Analysis Data for the Advanced Composite Stabilizer for Boeing 737 Aircraft, Volume 2.
N85-13915/2 **08**-*515,754* PC **A06**/MF **A01**

**N85-13918/6**
Mechanical Properties of Aligned Short Carbon Fiber Reinforced Pes and pi Laminates.
N85-13918/6 **08**-*516,854* PC **A06**/MF **A01**

**N85-13925/1**
Ionisation und Flammenstruktur (Ionization and Time Structure of Flames)
N85-13925/1 **08**-*518,195* PC **A05**/MF **A01**

**N85-13926/9**
Investigations Regarding Process Analysis of Liquids in the 1 to 2 Micrometer Spectral Range.
N85-13926/9 **08**-*517,276* PC **A04**/MF **A01**

**N85-13927/7**
Investigation of the Ostwald Ripening of Separated Particles in Liquid-Liquid Systems under Microgravity Conditions.
N85-13927/7 **08**-*516,424* PC **A05**/MF **A01**

**N85-13957/4**
Inclusion Formation During Solidification of Steels with Improved Machinability.
N85-13957/4 **08**-*516,902* PC **A11**/MF **A01**

**N85-13958/2**
Investigation of the Isothermal Precipitation Behavior of Nickel-Base Alloys Using Electrochemical Phase Extraction.
N85-13958/2 **08**-*516,903* PC **A07**/MF **A01**

**N85-13959/0**
Nitinol Devices, Phase 2. Integration of Slip Ring System and Tracking Mechanism with Memory Drive.
N85-13959/0 **08**-*516,904* PC **A04**/MF **A01**

**N85-13960/8**
Controlled Directionally Solidified Precision Casting for Superalloys and Steels.
N85-13960/8 **08**-*516,905* PC **A07**/MF **A01**

**N85-13961/6**
Caracterisation de l'Alliage d'Aluminium 7010 en Tole Semi-Epaisse, aux Etats Metallurgiques T 651 et T 7651, Proces Verbal No. 44-606/F (Characterization of Aluminum Alloy 7010 in Moderate Width Plate and T651 and T7651 Metallurgical States).
N85-13961/6 **08**-*516,906* PC **A04**/MF **A01**

**N85-13968/1**
Etude Parametrique de l'Ensimage P9 HT de la Fibre de Verre (Tenue a la Fatigue). Lot No 1: Compte-Rendu des Essais de Micro-Fatigue (Parametric Study of the P9 HT Glass Fiber Finish (Fatigue Resistance). Lot No. 1: Report on the Microfatigue Tests).
N85-13968/1 **08**-*516,855* PC **A04**/MF **A01**

**N85-13975/6**
Self-Tuning Controller Design and Implementation.
N85-13975/6 **08**-*516,966* PC **A03**/MF **A01**

**N85-13976/4**
Generalized Lqg Approach to Self-Tuning Control. Part 1: Aspects of Design. Part 2: Implementation and Simulation.
N85-13976/4 **08**-*516,967* PC **A04**/MF **A01**

**N85-13980/6**
Telecommunications and Data Acquisition Report.
N85-13980/6 **08**-*517,373* PC **A09**/MF **A01**

**N85-14027/5**
Basic Investigation Concerning the Applicability of Multispectral Radiation Data from Microwave Radiometry Measurements to Geoscientific Objectives of Remote Sensing.
N85-14027/5 **08**-*517,277* PC **A18**/MF **A01**

**N85-14028/3**
Methodes Parametriques en Traitement du Signal: Modelisations Autoregressive (AR), a Moyenne Ajustee (MA) et Mixte Autoregressive a Moyenne Ajustee (ARMA) (Parametric Models for Signal Processing: Autoregressive (AR), Moving Average (MA) and Mixed Autoregressive with Moving Average (ARMA)).
N85-14028/3 **08**-*516,666* PC **A07**/MF **A01**

**N85-14030/9**
Spezielle Entwicklungen und Verfahren der Hochfrequenzmesstechnik (Special Developments and Methods in High Frequency Measuring Techniques).
N85-14030/9 **08**-*516,662* PC **A11**/MF **A01**

**N85-14057/2**
Preliminary Study for an IR-Vidicon for the 8 to 14 Micron Range, Phase 1.
N85-14057/2 **08**-*516,699* PC **A03**/MF **A01**

**N85-14058/0**
Die Bestimmung des Druck-Leerlauf-Uebertragungsmasses von 1-Zoll-Kondensatormik-Rofonen (Determination of the Pressure Sensitivity of 1 Inch Condenser Microphones).
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**N85-14059/8**
User-Oriented Development and Production of Integrated Circuits in Small and Medium Quantities.
N85-14059/8 **08**-*516,700* PC **A04**/MF **A01**

**N85-14060/6**
Development and Testing of TiB2, Used as Cathode Material in Al-Electrolysis Cells.
N85-14060/6 **08**-*516,579* PC **A04**/MF **A01**

**N85-14061/4**
Practical Application of Electron Beam Testing in LSI and VLSI Circuits.
N85-14061/4 **08**-*516,701* PC **A09**/MF **A01**

**N85-14062/2**
Switched Capacitor (SC) Filter and Design Centering of Integrated Circuits, Part 1.
N85-14062/2 **08**-*516,702* PC **A04**/MF **A01**

**N85-14063/0**
Physico-Chemical Investigations on the Electronic Partial Conductivity of Molten Electrolytes, Especially of the Eutectic Mixture LiCl-KCl.
N85-14063/0 **08**-*516,835* PC **A05**/MF **A01**

**N85-14064/8**
Design and Construction of a Mode Converter from Rectangular TE 10 to Circular TE 11.
N85-14064/8 **08**-*517,197* PC **A02**/MF **A01**

**N85-14077/0**
Oscillatory Convection.
N85-14077/0 **08**-*517,771* PC **A05**/MF **A01**

**N85-14078/8**
Flow Rates and Pressure Profiles for One to Four Axially Alined Borda Inlets.
N85-14078/8 **08**-*517,772* PC **A03**/MF **A01**

**N85-14079/6**
Flow in Centrifugal Compressors.
N85-14079/6 **08**-*518,293* PC **A17**/MF **A01**

**N85-14091/1**
Development of a Mass Transfer Machine for Gas/Liquid Operations in the Absence of Gravity.
N85-14091/1 **08**-*516,425* PC **A09**/MF **A01**

**N85-14092/9**
Theoretische Beschreibung des Dampffilmsiedens in Einer Zweiphasigen Behandlung (Theoretical Description of Film Boiling in a Two Phase Flow Calculation).
N85-14092/9 **08**-*517,773* PC **A04**/MF **A01**

**N85-14093/7**
Investigation of Phase Separation Models in RELAP 4/MOD 6.
N85-14093/7 **08**-*517,774* PC **A03**/MF **A01**

**N85-14094/5**
Wave Propagation in Compliant Tubes Containing a Heat-Conducting Viscous Fluid.
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**N85-14099/4**
Evaluation of the Stochastic Drift of Rate-Integrating Gyros as Preparation for the Analysis of Laser Gyro Drift Measurements.
N85-14099/4 **08**-*517,391* PC **A03**/MF **A01**

**N85-14100/0**
Measuring System with Ion Selective Electrodes.
N85-14100/0 **08**-*517,278* PC **A04**/MF **A01**

**N85-14101/8**
Development Program: Nuclear Magnetic Resonance Gyroscope (NMR-Gyro). Phase 1: Development of an Experimental Model.
N85-14101/8 **08**-*517,392* PC **A06**/MF **A01**

**N85-14102/6**
Etude et Realisation d'UN Systeme Doppler Pulse Multi-Porte (128) Directional, a Traitement de Signal Sequentiel (Study and Realization of a Doppler System with Pulsed, Directional, Multiport (128) Emission and Sequential Signal Treatment).
N85-14102/6 **08**-*516,144* PC **A08**/MF **A01**

**N85-14108/3**
Cleaning Procedures of Laser Mirror Substrates.
N85-14108/3 **08**-*517,783* PC **A02**/MF **A01**

**N85-14109/1**
Laser Diodes for Infrared Spectroscopy.
N85-14109/1 **08**-*517,784* PC **A06**/MF **A01**

**N85-14110/9**
Modular Laser Distance Measurement System for Multiaxis Machine Tools.
N85-14110/9 **08**-*517,279* PC **A05**/MF **A01**

**N85-14115/8**
Variable Polarity Plasma Arc Welding Process: Its Application to the Space Shuttle External Tank.
N85-14115/8 **08**-*517,198* PC **A02**/MF **A01**

**N85-14116/6**
Rotordynamic Instability Problems in High-Performance Turbomachinery.
N85-14116/6 **08**-*517,208* PC **A22**/MF **A01**

**N85-14146/3**
European Space Tribology Laboratory (ESTL) Activities Report.
N85-14146/3 **08**-*517,199* PC **A02**/MF **A01**

**N85-14147/1**
Development of a Capacitive Sensor System for High Temperature Application.
N85-14147/1 **08**-*517,280* PC **A04**/MF **A01**

**N85-14148/9**
Optimization of Toughness Properties of HSCA Shielded Metal Arc Welding Electrodes.
N85-14148/9 **08**-*517,200* PC **A02**/MF **A01**

**N85-14149/7**
Stirling Engine Development, State of the Art, Possible Engine Applications and Suitability in Comparison to Established Plants and Systems.
N85-14149/7 **08**-*518,305* PC **A10**/MF **A01**

**N85-14163/8**
Fourth LBF Colloquium.
N85-14163/8 **08**-*516,856* PC **A14**/MF **A01**

**N85-14181/0**
Evaluation of the Crack Initiation Life Behavior of Fatigue Loaded Automotive Components Made from High Strength Aluminium Alloys.
N85-14181/0 **08**-*517,178* PC **A09**/MF **A01**

**N85-14183/6**
Interaction of Global Biochemical Cycles.
N85-14183/6 **08**-*515,833* PC **A12**/MF **A01**

**N85-14197/6**
LANDSAT Instruments Characterization.
N85-14197/6 **08**-*516,626* PC **A02**/MF **A01**

**N85-14198/4**
LANDSAT Instruments Characterization.
N85-14198/4 **08**-*516,627* PC **A02**/MF **A01**

**N85-14199/2**
LANDSAT Instruments Characterization.
N85-14199/2 **08**-*516,628* PC **A02**/MF **A01**

**N85-14200/8**
Characterizing the Scientific Potential of Satellite Sensors.
N85-14200/8 **08**-*516,629* PC **A02**/MF **A01**

**N85-14248/7**
Electronic Satellite Imaging System MOMS-ESA.
N85-14248/7 **08**-*517,281* PC **A04**/MF **A01**

**N85-14249/5**
Etude de la Texture des Images des Satellites Meteorologiques Operationnels Noaa 6 et Noaa 7 et sa Variation dans le Temps Application a la Beauce (Image Texture Study for the Operational Meteorological Satellites NOAA 6 and NOAA 7 and Its Variation with Time. Application to the Beauce Region).
N85-14249/5 **08**-*516,630* PC **A08**/MF **A01**

**N85-14280/0**
Site-Specific Research Conducted in Support of the Salton Sea Solar Pond Project, FY 1982 Report.
N85-14280/0 **08**-*516,764* PC **A06**/MF **A01**

**N85-14286/7**
Salt-Gradient Solar Ponds: Summary of US Department of Energy Sponsored Research.
N85-14286/7 **08**-*516,765* PC **A08**/MF **A01**

**N85-14293/3**
Messtechnische Untersuchungen an Windenergieanlagen (Measurement-Technical Investigations of Wind Energy Units).
N85-14293/3 **08**-*516,766* PC **A11**/MF **A01**

**N85-14312/1**
Joint Indo-German Program on Solar Energy: Parabolic Dish Program, Step 1.
N85-14312/1 **08**-*516,767* PC **A04**/MF **A01**

**N85-14332/9**
Utilization of SAGE Aerosol Profiles in the Analysis of Mauna Loa Stratospheric Lidar Data.
N85-14332/9 **08**-*515,834* PC **A02**/MF **A01**

**N65-14333/7**
Comportamento DA Regiao Ionosferica F Em Baixas Latitudes E Regiao Equatorial Do Brasil Durante Fortes Tempestades Magneticas, No Periodo 1978 - 1983 (Behavior of the Ionospheric F Region in Low Latitudes and in the Equatorial Region of Brazil During Strong Magnetic Storms in the 1978 to 1983 Period).
N85-14333/7 **08**-*515,835* PC **A02**/MF **A01**

**N85-14334/5**
Aumentos Noturnos NA Ionizacao DA Regiao Ionosferica F Em Baixa Latitude No Brasil Durante Tempestades Magneticas (Nocturnal Increases of Ionization in the Ionospheric F Region in the Low Latitude of Brazil During Magnetic Storms).
N85-14334/5 **08**-*515,836* PC **A02**/MF **A01**

**N85-14335/2**
Medidad de Campos Eletricos Atraves de Baloes Estratosfericos NA Regiao DA Anomalia Do Atlantico Sul (Measurements of Electric Fields Obtained by Stratospheric Balloons in the Region of the South Atlantic Anomaly).
N85-14335/2 **08**-*515,837* PC **A02**/MF **A01**

**N85-14336/0**
Assessment of Techniques for Measuring Tropospheric H sub X O sub Y.
N85-14336/0 **08**-*515,838* PC **A07**/MF **A01**

**N85-14350/1**
Relation Between Atmospheric Scattering and Backscattering Coefficient.
N85-14350/1 **08**-*515,839* PC **A03**/MF **A01**

**N85-14358/4**
Atmospheric Environment for Space Shuttle (STS-41D) Launch.
N85-14358/4 **08**-*515,857* PC **A04**/MF **A01**

**N85-14360/0**
Global Scale Atmospheric Processes Research Program Review.
N85-14360/0 **08**-*515,858* PC **A11**/MF **A01**

**N85-14420/2**
TAF-Verifikation (TAF Verification (Airport Weather Forecasts)).
N85-14420/2 **08**-*515,859* PC **A03**/MF **A01**

**N85-14482/2**
Application of Basic Control Laws to Human Medicine.
N85-14482/2 **08**-*516,218* PC **A05**/MF **A01**

**N85-14483/0**
Catecholamine Excretion and Subjective Ratings of Tension During Autogenic Training and Mental Stress.
N85-14483/0 **08**-*516,219* PC **A02**/MF **A01**

**N85-14485/5**
Construction of Auditive Tests of Attention and Spatial Orientation and Their Factorial Structure.
N85-14485/5 **08**-*516,113* PC **A05**/MF **A01**

**N85-14486/3**
Investigation of Pilot Behavior in Flight Tests with a Rate Command/Attitude Hold Control System.
N85-14486/3 **08**-*516,114* PC **A04**/MF **A01**

**N85-14487/1**
Twentieth Annual Conference on Manual Control. Volume 1.
N85-14487/1 **08**-*515,971* PC **A99**/MF **A01**

**N85-14535/7**
Twentieth Annual Conference on Manual Control, Volume 2.
N85-14535/7 **08**-*515,972* PC **A18**/MF **A01**

**N85-14571/2**
Improving the Spacelab Mass Memory Unit Tape Layout with a Simulation Model.
N85-14571/2 **08**-*516,631* PC **A07**/MF **A01**

**N85-14572/0**
Research in Computer Science.
N85-14572/0 **08**-*516,632* PC **A02**/MF **A01**

**N85-14585/2**
S-Micro - Sistema Para Simulacao de Unidade de Controle Microprogramada (S-Micro: A System for Simulating a Microprogrammed Control Unit).
N85-14585/2 **08**-*516,633* PC **A02**/MF **A01**

**N85-14586/0**
Como Implementar O Programa de Boas Vindas Em Microcomputadores Compativeis COM O Apple 2 (How to Implement the Welcome Program in Compatible Microcomputers Such as Apple 2).
N85-14586/0 **08**-*516,634* PC **A02**/MF **A01**

**N85-14589/4**
Increase in the Economy of Design and Process Planning by Integrated and Graphic Data Processing, Phase 2.
N85-14589/4 **08**-*515,755* PC **A07**/MF **A01**

**N85-14590/2**
Efficient Sorting Routines in Fortran 77.
N85-14590/2 **08**-*516,635* PC **A02**/MF **A01**

**N85-14591/0**
Experimentation de Techniques de Specification Formelle pour la Conception de Logiciels Fiables et Prouves (Experimental Techniques of Formal Specifications for the Design of Tested and Reliable Computer Programs).
N85-14591/0 **08**-*516,636* PC **A15**/MF **A01**

**N85-14592/8**
Determination Automatique du Mouvement dans Une Sequence d'Image Interet pour l'Interpretation (Automatic Determination of Motion in an Image Sequence. The Interest for Interpretation).
N85-14592/8 **08**-*516,637* PC **A09**/MF **A01**

**N85-14593/6**
Towards a Specification of the B Programming Environment.
N85-14593/6 **08**-*516,638* PC **A03**/MF **A01**

**N85-14595/1**
Contribution a l'Etude et la Realisation du Reseau Local Multiservices Carthage (Contribution to the Study and Realization of the CARTHAGE Multiservice Local Network).
N85-14595/1 **08**-*516,639* PC **A12**/MF **A01**

**N85-14599/3**
Programming and Application of Numerical Controlled Measuring Machines (NCMES).
N85-14599/3 **08**-*517,209* PC **A06**/MF **A01**

**N85-14600/9**
H-Infinity-Minimax Approach to the Design of Robust Control Systems.
N85-14600/9 **08**-*516,968* PC **A02**/MF **A01**

**N85-14601/7**
One Queue or Two Pushdown Stores Take Square Time on a One-Head Tape Unit.
N85-14601/7 **08**-*516,640* PC **A02**/MF **A01**

**N85-14610/8**
Mathematical Models for the Brightness Temperature of Object and Environment in the Microwave Region.
N85-14610/8 **08**-*517,282* PC **A04**/MF **A01**

**N85-14611/6**
Linear Associative Mapping.
N85-14611/6 **08**-*516,641* PC **A02**/MF **A01**

**N85-14612/4**
Intervall-Iterationsverfahren fuer Nichtlineare Gleichungssysteme: Theorie und Praktischer Vergleich am Computer (Interval Iteration Methods for Nonlinear Equation Systems: Theory and Comparison on Computer).
N85-14612/4 **08**-*516,969* PC **A06**/MF **A01**

**N85-14613/2**
Coupling of Multidirectional Diffusions by Reflection.
N85-14613/2 **08**-*516,970* PC **A03**/MF **A01**

**N85-14614/0**
Some Error Estimates for the p-Version of the Finite Element Method.
N85-14614/0 **08**-*516,971* PC **A02**/MF **A01**

**N85-14615/7**
Lumped Mass Finite Element Method with Quadrature for a Nonlinear Parabolic Problem.
N85-14615/7 **08**-*516,972* PC **A03**/MF **A01**

**N85-14616/5**
Loeb Solutions of the Boltzmann Equation with Initial Boundary Values and External Forces.
N85-14616/5 **08**-*518,173* PC **A03**/MF **A01**

**N85-14617/3**
Comment on Rosen's Comments on Activation and Inhibition.
N85-14617/3 **08**-*516,973* PC **A02**/MF **A01**

**N85-14618/1**
Relaxation Times for Queueing Systems.
N85-14618/1 **08**-*516,999* PC **A02**/MF **A01**

**N85-14619/9**
Edgeworth Expansion for the Sum of a Function of Uniform Spacings.
N85-14619/9 **08**-*516,974* PC **A02**/MF **A01**

**N85-14620/7**
Weak Limits of Elementary Symmetric Polynomials.
N85-14620/7 **08**-*516,975* PC **A02**/MF **A01**

**N85-14621/5**
Priority Rewrite Systems.
N85-14621/5 **08**-*516,642* PC **A04**/MF **A01**

**N85-14622/3**
Process Algebra for Communication and Mutual Excitation.
N85-14622/3 **08**-*516,667* PC **A03**/MF **A01**

**N85-14623/1**
Step-by-Step Stability in the Numerical Solution of Partial Differential Equations.
N85-14623/1 **08**-*516,976* PC **A03**/MF **A01**

**N85-14624/9**
Mixed Defect Correction (Iteration) for the Solution of a Singular Perturbation Problem.
N85-14624/9 **08**-*516,977* PC **A03**/MF **A01**

**N85-14625/6**
Linear Autonomous Retarded Functional Differential Equations; a Sharp Version of Henry's Theorem.
N85-14625/6 **08**-*516,978* PC **A03**/MF **A01**

**N85-14626/4**
Some Implementations of Multigrid Linear System Solvers.
N85-14626/4 **08**-*516,979* PC **A03**/MF **A01**

**N85-14627/2**
Convergence of Method of Lines Approximations to Partial Differential Equations.
N85-14627/2 **08**-*516,980* PC **A02**/MF **A01**

**N85-14628/0**
Conservative and Nonconservative Schemes for the Solution of the Nonlinear Schroedinger Equation.
N85-14628/0 **08**-*518,101* PC **A03**/MF **A01**

**N85-14630/6**
Construction of a Confidence Region for Linear Functions with Unknown Parameters.
N85-14630/6 **08**-*516,981* PC **A02**/MF **A01**

**N85-14631/4**
Growth and Composition of Supercritical Branching Populations on General Type Spaces.
N85-14631/4 **08**-*516,156* PC **A04**/MF **A01**

**N85-14632/2**
on-Line Parameter Estimation Algorithm for Counting Process Observations.
N85-14632/2 **08**-*516,982* PC **A02**/MF **A01**

**N85-14633/0**
Estimating a Monotone Density.
N85-14633/0 **08**-*516,983* PC **A02**/MF **A01**

**N85-14634/8**
Approximating the Percentage Points of Greenwood's Statistic with Cornish-Fisher Expansions.
N85-14634/8 **08**-*516,984* PC **A02**/MF **A01**

**N85-14635/5**
Monotonicity Property of the Power Function of Multivariate Tests.
N85-14635/5 **08**-*516,985* PC **A02**/MF **A01**

**N85-14636/3**
Limit Theorem for the Superposition of Renewal Processes.
N85-14636/3 **08**-*516,986* PC **A02**/MF **A01**

**N85-14637/1**
Asymptotic Distributions of Estimators for Posterior Probabilities in a Classification Model with Both Continuous and Discrete Variables.
N85-14637/1 **08**-*516,987* PC **A03**/MF **A01**

**N85-14638/9**
Note on Two Papers in Dependent Central Limit Theory.
N85-14638/9 **08**-*516,988* PC **A02**/MF **A01**

**N85-14639/7**
Hollings Hungry Mantid Model for the Invertebrate Functional Response Considered as a Markov Process. Part 3: Mathematical Elaborations.
N85-14639/7 **08**-*516,157* PC **A03**/MF **A01**

**N85-14640/5**
Transient Behavior of Networks with Infinite Server Nodes.
N85-14640/5 **08**-*517,000* PC **A02**/MF **A01**

**N85-14643/9**
Martingale Approach to Supercritical (C-M-J) Branching Processes.
N85-14643/9 **08**-*516,989* PC **A02**/MF **A01**

**N85-14644/7**
Trilinear Alternating Forms on a Vector Space of Dimension 7.
N85-14644/7 **08**-*516,990* PC **A02**/MF **A01**

**N85-14645/4**
Invariant Measures and the Equicontinuous Structure Relation 1.
N85-14645/4 **08**-*516,991* PC **A02**/MF **A01**

**N85-14646/2**
Invariant Measures and the Equicontinuous Structure Relation 2: The Relative Case.
N85-14646/2 **08**-*516,992* PC **A02**/MF **A01**

**N85-14647/0**
Orthogonal Polynomials and a Dirichlet Problem Related to the Hilbert Transform.
N85-14647/0 **08**-*516,993* PC **A03**/MF **A01**

**N85-14648/8**
Study of the Recursion Yn+ 1= Yn+ tau Yn Sup M.
N85-14648/8 **08**-*516,994* PC **A02**/MF **A01**

**N85-14650/4**
Isochoric Heat Capacity of Fluid Substances in the Critical Region. Pre-Examinations for a Spacelab Experiment.
N85-14650/4 **08**-*516,426* PC **A07**/MF **A01**

**N85-14666/0**
Sources, Paths, and Concepts for Reduction of Noise in the Test Section of the NASA Langley 4X7M Wind Tunnel.
N85-14666/0 **08**-*517,283* PC **A14**/MF **A01**

**N85-14667/8**
Comparison of Options for Reduction of Noise in the Test Section of the NASA Langley 4X7M Wind Tunnel, Including Reduction of Nozzle Area.
N85-14667/8 **08**-*517,284* PC **A04**/MF **A01**

**N85-14669/4**
Amiet Shear Layer Correction with an Additional Temperature Gradient Considered: Nomograms for the Correction of Noise Signatures from Open Jet Wind Tunnel Tests.
N85-14669/4 **08**-*517,285* PC **A04**/MF **A01**

**N85-14677/7**
Streuexperimente Zur Wechselwirkung von Angeregten Atomen: Differentielle Querschnitte des Systems NA (3P)+ K(4S) (Scattering Experiments on Interactions of Excited Atoms: Differential Cross Sections of the System Na (3P)+ K(4S)).
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Activities Report in Nuclear Physics.
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**N85-14688/4**
Observacoes de Bolhas de Plasma E de Sua Deriva Zonal Usando Polarimetros (Observations of Plasma Bubbles and Their Zonal Drift Using Polarimeters).
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**N85-14715/5**
Development of a 90 Ghz Solid State Noise Source.
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**N85-14717/1**
Resident Research Associateships. Postdoctoral and Senior Research Awards.
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**N85-14774/2**
Dynamic Crystallization of Silicate Melts.
N85-14774/2 **08**-*516,483* PC **A03**/MF **A01**

**N85-14777/5**
Shock-Induced CO2 Loss from CaCO3: Implications for Early Planetary Atmospheres.
N85-14777/5 **08**-*515,819* PC **A03**/MF **A01**

**N85-14778/3**
Studies of Radiative Transfer in Planetary Atmospheres.
N85-14778/3 **08**-*515,820* PC **A02**/MF **A01**

**N85-14779/1**
Lower Atmospheric Composition of Jupiter from Voyager Infrared Measurements.
N85-14779/1 **08**-*515,821* PC **A02**/MF **A01**

**N85-14783/3**
Isotopic Composition of Primary Cosmic Rays H-Fe for ISEE-C.
N85-14783/3 **08**-*517,470* PC **A02**/MF **A01**

**N85-14784/1**
Nature of the Baryon Asymmetry.
N85-14784/1 **08**-*515,822* PC **A02**/MF **A01**

**N85-14786/6**
Overview of Some Monoplanar Missile Programs.
N85-14786/6 **09**-*518,321* PC **A03**/MF **A01**

**N85-14787/4**
Aerodynamic Characteristics of Some Lifting Reentry Concepts Applicable to Transatmospheric Vehicle Design Studies.
N85-14787/4 **09**-*518,322* PC **A03**/MF **A01**

**N85-14788/2**
Aerodynamics of Some Guided Projectiles.
N85-14788/2 **09**-*518,323* PC **A02**/MF **A01**

**N85-14796/5**
Experimental Study of Airfoil-Spoiler Aerodynamics.
N85-14796/5 **09**-*518,324* PC **A05**/MF **A01**

**N85-14797/3**
Static Internal Performance of Single-Expansion-Ramp Nozzles with Various Combinations of Internal Geometric Parameters.
N85-14797/3 **09**-*520,910* PC **A05**/MF **A01**

**N85-14798/1**
Three-Dimensional Axisymmetric Calculation Procedure for Turbulent Flows in a Radial Vaneless Diffuser.
N85-14798/1 **09**-*520,210* PC **A02**/MF **A01**

**N85-14799/9**
Comparison of Uniform Perturbation Solutions and Numerical Solutions for Some Potential Flows past Slender Bodies.
N85-14799/9 **09**-*518,325* PC **A03**/MF **A01**

**N85-14800/5**
Multiple Steady States for Characteristic Initial Value Problems.
N85-14800/5 **09**-*520,911* PC **A03**/MF **A01**

**N85-14801/3**
Development of the Code NSFOIL for Analyzing High Reynolds Number Transonic Flow around an Airfoil.
N85-14801/3 **09**-*518,326* PC **A03**/MF **A01**

**N85-14802/1**
Program VSAERO: A Computer Program for Calculating the Non-Linear Aerodynamic Characteristics of Arbitrary Configurations: User's Manual.
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**N85-14803/9**
Study of Crashworthiness of Light Aircraft Fuselage Structures: A Numerical and Experimental Investigation.
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**N85-14806/2**
Technical Workshop: Advanced Helicopter Cockpit Design.
N85-14806/2 **09**-*518,350* PC **A15**/MF **A01**

**N85-14830/2**
Critical Conditions for the Automatic Control of Landing from Decision Height in Variable Winds.
N85-14830/2 **09**-*518,332* PC **A13**/MF **A01**

**N85-14833/6**
Flight Test Technique for Evaluation of Gust Load Alleviation Analysis Methodology.
N85-14833/6 **09**-*518,339* PC **A02**/MF **A01**

**N85-14834/4**
Theoretical Design Method for 3-Dimensional Transonic Wings.
N85-14834/4 **09**-*518,340* PC **A02**/MF **A01**

**N85-14835/1**
Flight Test Results on Stall Characteristics of a Large Jet Transport.
N85-14835/1 **09**-*518,341* PC **A02**/MF **A01**

**N85-14836/9**
Closing the Design Loop on HIMAT (Highly Maneuverable Aircraft Technology).
N85-14836/9 **09**-*518,328* PC **A02**/MF **A01**

**N85-14837/7**
Integrated Application of Active Controls (IAAC) Technology to an Advanced Subsonic Transport Project. ACT/Control/Guidance System Study, Volume 1.

N85-14837/7 **09**-*518,351* PC **A09**/MF **A01**

**N85-14838/5**
Integrated Application of Active Controls (IAAC) Technology to an Advanced Subsonic Transport Project. ACT/Control/Guidance System Study. Volume 2 Appendices.
N85-14838/5 **09**-*518,352* PC **A12**/MF **A01**

**N85-14840/1**
Reducing Numerical Diffusion for Incompressible Flow Calculations.
N85-14840/1 **09**-*520,211* PC **A02**/MF **A01**

**N85-14841/9**
Simulation Evaluation of Two VTOL Control/Display Systems in IMC Approach and Shipboard Landing.
N85-14841/9 **09**-*518,353* PC **A05**/MF **A01**

**N85-14842/7**
Experimental Study on Transonic Flutter Characteristics of Sweptback Wing with Core Composite Plates Having Different Fiber Orientations.
N85-14842/7 **09**-*518,329* PC **A02**/MF **A01**

**N85-14843/5**
Improvement of the Transient Response in the Finite Settling Time Control.
N85-14843/5 **09**-*518,354* PC **A02**/MF **A01**

**N85-14844/3**
Analytical Redundancy Management Mechanization and Flight Data Analysis for the F-8 Digital Fly-by-Wire Aircraft Flight Control Sensors.
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**N85-14845/0**
High Pressure Combustion Test Facility for Gas Turbine Research.
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Theory of the Orbital Motion of an Artificial Earth Satellite.
N85-14847/6 **09**-*520,928* PC **A04**/MF **A01**

**N85-14848/4**
Orbital Maneuvers with Finite Thrust. Volume 1 Mathematical Formulation, Numerical Methods, Catalog Concept.
N85-14848/4 **09**-*520,929* PC **A09**/MF **A01**

**N85-14849/2**
Orbit Maneuvers with Finite Thrust. Volume 2 Reference Manual, Part 1.
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**N85-14850/0**
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**N85-14851/8**
Orbit Maneuvers with Finite Thrust. Volume 3 Reference Catalog, Parts 1 and 2.
N85-14851/8 **09**-*520,932* PC **A13**/MF **A01**

**N85-14852/6**
Orbit Maneuvers with Finite Thrust. Volume 3 Reference Catalog, Part 3.
N85-14852/6 **09**-*520,933* PC **A12**/MF **A01**

**N85-14854/2**
Vibration Analysis of a Multipurpose Platform.
N85-14854/2 **09**-*520,934* PC **A03**/MF **A01**

**N85-14857/5**
Active Nutation Control of Spacecraft Using a Magnetic Bearing Momentum Wheel with Vernier Gimballing Capability.
N85-14857/5 **09**-*520,925* PC **A02**/MF **A01**

**N85-14858/3**
Circuit Transients Due to Negative Bias Arcs on a High-Voltage Solar Array in Low Earth Orbit.
N85-14858/3 **09**-*520,926* PC **A02**/MF **A01**

**N85-14862/5**
Analysis of Physical-Chemical Processes Governing SSME Internal Fluid Flows.
N85-14862/5 **09**-*520,212* PC **A05**/MF **A01**

**N85-14863/3**
Study on a Medium-Sized Rocket with Burnout Frame.
N85-14863/3 **09**-*520,174* PC **A04**/MF **A01**

**N85-14864/1**
Effect of Water on Hydrogen Permeability.
N85-14864/1 **09**-*518,933* PC **A02**/MF **A01**

**N85-14878/1**
Creep of Chemically Vapor Deposited SiC Fibers.
N85-14878/1 **09**-*519,374* PC **A02**/MF **A01**

**N85-14879/9**
Fatigue Behavior of Continuous Fiber Silicon-Carbide-Aluminum Composites.
N85-14879/9 **09**-*519,369* PC **A03**/MF **A01**

**N85-14880/7**
Investigation of the Relations Between Resin and Advanced Composite Mechanical Properties. Volume 2 Appendices.
N85-14880/7 **09**-*519,370* PC **A09**/MF **A01**

**N85-14882/3**
Fabrication and Quality Assurance Processes for Superhybrid Composite Fan Blades.
N85-14882/3 **09**-*520,912* PC **A02**/MF **A01**

**N85-14913/6**
Fractographic Observation and Estimation of Crack Growth Curve of Aluminum Alloy under Random Flight Simulation Loading.
N85-14913/6 **09**-*519,408* PC **A02**/MF **A01**

**N85-14914/4**
Wear of Anodic Oxide Films on Aluminum Alloys in Cryogenic Liquids.
N85-14914/4 **09**-*519,358* PC **A02**/MF **A01**

**N85-14923/5**
Improvement of the Ladle Deoxidizing of Al-Killed Steel.
N85-14923/5 **09**-*519,409* PC **A02**/MF **A01**

**N85-14928/4**
Effects of Silver and Group 2 Fluorides Addition to Plasma Sprayed Chromium Carbide High Temperature Solid Lubricant for Foil Gas Bearing to 650 Deg C.
N85-14928/4 **09**-*519,417* PC **A03**/MF **A01**

**N85-14929/2**
Effect of Substituted Phenylnadimides on Processing and Properties of PMR Polyimide Composites.
N85-14929/2 **09**-*519,371* PC **A02**/MF **A01**

**N85-15098/5**
Scattering from Thin Dielectric Disks.
N85-15098/5 **09**-*520,754* PC **A03**/MF **A01**

**N85-15099/3**
Demand for Satellite-Provided Domestic Communications Services Up to the Year 2000.
N85-15099/3 **09**-*519,867* PC **A03**/MF **A01**

**N85-15133/0**
Heat Transfer Results and Operational Characteristics of the NASA Lewis Research Center Hot Section Cascade Test Facility.
N85-15133/0 **09**-*519,823* PC **A02**/MF **A01**

**N85-15134/8**
Simple Extension to Multidimensional Problems of the Artificial Viscosity Due to Lapidus.
N85-15134/8 **09**-*520,213* PC **A02**/MF **A01**

**N85-15135/5**
Collection of Flow Visualization Techniques Used in the Aerodynamic Research Branch.
N85-15135/5 **09**-*518,330* PC **A03**/MF **A01**

**N85-15136/3**
Properties of a Round Turbulent Buoyant Jet.
N85-15136/3 **09**-*520,214* PC **A02**/MF **A01**

**N85-15144/7**
Investigation of Light Source and Scattering Medium Related to Vapor-Screen Flow Visualization in a Supersonic Wind Tunnel.
N85-15144/7 **09**-*519,824* PC **A04**/MF **A01**

**N85-15165/2**
Development of Prototypes for Versatile Fast Discharge Systems for Pulsed Gas Lasers, Especially Excimer Lasers.
N85-15165/2 **09**-*520,225* PC **A04**/MF **A01**

**N85-15168/6**
Nitriding of Titanium and Its Alloys by N2, NH3 or Mixtures of N2 + H2 in a DC Arc Plasma at Low Pressures.
N85-15168/6 **09**-*519,730* PC **A02**/MF **A01**

**N85-15184/3**
Use of an Optical Data Acquisition System for Bladed Disk Vibration Analysis.
N85-15184/3 **09**-*519,825* PC **A02**/MF **A01**

**N85-15185/0**
Compact Finite Element Method for Elastic Bodies.
N85-15185/0 **09**-*520,684* PC **A03**/MF **A01**

**N85-15186/8**
Sensitivity Analysis of Discrete Structural Systems: A Survey.
N85-15186/8 **09**-*520,685* PC **A03**/MF **A01**

**N85-15187/6**
Verification of a Computer Program for Vibration Analysis of Composite Wing Cores.
N85-15187/6 **09**-*520,686* PC **A02**/MF **A01**

**N85-15193/4**
Three-Dimensional Crack Location by Acoustic Emission.
N85-15193/4 **09**-*519,826* PC **A02**/MF **A01**

**N85-15246/0**
Classification of Vegetation Communities in the Battle Mountain SE Quadrangle, Nevada with MSS Digital Data.
N85-15246/0 **10**-*521,559* PC **A03**/MF **A01**

**N85-15247/8**
Experiencias com Processamento Digital de Imagens no INPE (Instituto de Pesquisas Espaciais) (Experiences with Digital Processing of Images at INPE (Instituto de Pesquisas Espaciais)).
N85-15247/8 **10**-*521,963* PC **A02**/MF **A01**

**N85-15248/6**
Integrated LANDSAT/Ancillary Data Classification of Desert Rangeland.
N85-15248/6 **10**-*521,560* PC **A02**/MF **A01**

**N85-15249/4**
Geographic Information System for Resource Managers Based on Multi-Level Remote Sensing Data.
N85-15249/4 **10**-*521,825* PC **A02**/MF **A01**

**N85-15250/2**
Effective Use of Remote Sensing Products in Litigation.
N85-15250/2 **10**-*521,257* PC **A02**/MF **A01**

**N85-15251/0**
Multi Crop Area Estimation in Idaho Using Editor.
N85-15251/0 **10**-*520,992* PC **A03**/MF **A01**

**N85-15252/8**
Eddy Correlation Measurements of Energy Partition for Amazonian Forest.
N85-15252/8 **09**-*518,404* PC **A03**/MF **A01**

**N85-15311/2**
Birkeland Currents Correlated with DC-Electric Fields Observed During the Centaur Bbx Rocket Experiments.
N85-15311/2 **09**-*518,456* PC **A02**/MF **A01**

**N85-15319/5**
Electromagnetic Resonances of Cylinders and Aircraft Model with Resistive Wires.
N85-15319/5 **09**-*518,342* PC **A04**/MF **A01**

**N85-15320/3**
Convective Scale Weather Analysis and Forecasting.
N85-15320/3 **09**-*518,465* PC **A02**/MF **A01**

**N85-15321/1**
Error Analysis of Wind Determined Using a VLF omega Sonde.
N85-15321/1 **09**-*518,466* PC **A03**/MF **A01**

**N85-15349/2**
Alterations in Skeletal Muscle with Disuse Atrophy.
N85-15349/2 **09**-*518,770* PC **A02**/MF **A01**

**N85-15377/3**
High Speed Magnetic Tape Interface for a Microcomputer.
N85-15377/3 **09**-*519,122* PC **A02**/MF **A01**

**N85-15446/6**
Translational Control of a Graphically Simulated Robot Arm by Kinematic Rate Equations That Overcome Elbow Joint Singularity.
N85-15446/6 **09**-*519,743* PC **A03**/MF **A01**

**N85-15449/0**
Geometric Approach to High Resolution Tvd Schemes.
N85-15449/0 **09**-*519,485* PC **A03**/MF **A01**

**N85-15479/7**
Advanced Infrared Laser Modulator Development.
N85-15479/7 **09**-*520,237* PC **A04**/MF **A01**

**N85-15480/5**
Oblique Focus ICCD Laboratory Evaluation.
N85-15480/5 **09**-*518,432* PC **A02**/MF **A01**

**N85-15482/1**
Origin of Plasma Rotation in the Early Phase of an FRC Produced by a Reversed Field theta Pinch.
N85-15482/1 **09**-*520,617* PC **A02**/MF **A01**

**N85-15483/9**
Generation of Suprathermal Electrons During Plasma Current Startup by Lower Hybrid Waves in a Tokamak.
N85-15483/9 **09**-*520,618* PC **A02**/MF **A01**

**N85-15484/7**
Electromagnetic Acceleration of Macroparticles to Hypervelocities in Axisymmetric Geometry.
N85-15484/7 **09**-*520,619* PC **A02**/MF **A01**

**N85-15485/4**
Alpha-Particle Diagnostics with High Energy Neutral Beams.
N85-15485/4 **09**-*520,620* PC **A03**/MF **A01**

**N85-15486/2**
Limits of Possible Operation of the R-Tokamak Due to Ideal Mhd Instabilities.
N85-15486/2 **09**-*519,922* PC **A03**/MF **A01**

**N85-15487/0**
Nonlocal Expression for the Ponderomotive Potential.
N85-15487/0 **09**-*520,621* PC **A02**/MF **A01**

**N85-15488/8**
Proceedings of Workshop on Synergistic Effects in Surface Phenomena Related to Plasma-Wall Interactions.
N85-15488/8 **09**-*520,622* PC **A12**/MF **A01**

**N85-15524/0**
Thermodynamical Characteristics of Heat Storage Reactors Using Metal Hydrides.
N85-15524/0 **09**-*518,934* PC **A02**/MF **A01**

**N85-15528/1**
Stuttgart Interconnection Network Project from PIX to NICS.
N85-15528/1 **09**-*519,123* PC **A02**/MF **A01**

**N85-15536/4**
IRAS Galaxy 0421 + 040P06: An Active Spiral Galaxy with Extended Radio Lobes.
N85-15536/4 **09**-*518,433* PC **A03**/MF **A01**

**N85-15537/2**
Unidentified IRAS Sources: Ultrahigh Luminosity Galaxies.
N85-15537/2 **09**-*518,434* PC **A02**/MF **A01**

**N85-15539/8**
Local Interstellar Medium. International Astronomical Union Colloquium No. 81.
N85-15539/8 **09**-*518,435* PC **A16**/MF **A01**

**N85-15596/8**
Theoretical Studies of Chromospheres and Winds in Cool Stars.
N85-15596/8 **09**-*518,436* PC **A02**/MF **A01**

**N85-15599/2**
Annual Meteoritical Society Meeting (47th).
N85-15599/2 **09**-*518,437* PC **A10**/MF **A01**

**N85-15649/5**
Differentiated Meteorites and the Components of Chondrites.
N85-15649/5 **09**-*518,438* PC **A02**/MF **A01**

**N85-15650/3**
How Many Earth-Approaching Asteroids Are There.
N85-15650/3 **09**-*518,443* PC **A02**/MF **A01**

**N85-15652/9**
Solar He-3-Rich Events and Non-Relativistic Electron Events: A New Association.
N85-15652/9 **09**-*518,439* PC **A03**/MF **A01**

**N85-15655/2**
Cosmic Ray Exposure and Linear-Energy-Transfer Evaluations for the COBE Mission.
N85-15655/2 **09**-*518,440* PC **A05**/MF **A01**

**N85-15657/8**
Effects of Body Shape on the Aerodynamics of a Body of Revolution at Mach Numbers from 1.6 to 4.6.
N85-15657/8 **10**-*520,936* PC **A02**/MF **A01**

**N85-15658/6**
Temperature Distortion Generator for Turboshaft Engine Testing.
N85-15658/6 **10**-*523,187* PC **A03**/MF **A01**

**N85-15684/2**
Unsteady Flow Characteristics in the Near-Wake of a Two-Dimensional Obstacle.
N85-15684/2 **10**-*522,943* PC **A03**/MF **A01**

**N85-15685/9**
Supersonic Nonlinear Potential Analysis.
N85-15685/9 **10**-*520,937* PC **A05**/MF **A01**

**N85-15686/7**
Scanning Laser Velocimeter for Turbulence Research.
N85-15686/7 **10**-*522,944* PC **A03**/MF **A01**

**N85-15687/5**
Ground-Effect Analysis of a Jet Transport Airplane.
N85-15687/5 **10**-*520,960* PC **A02**/MF **A01**

**N85-15688/3**
Analytical Modeling of Circuit Aerodynamics in the New NASA Lewis Wind Tunnel.
N85-15688/3 **10**-*520,938* PC **A02**/MF **A01**

**N85-15689/1**
Unsteady Pressure Measurements on a Biconvex Airfoil in a Transonic Oscillating Cascade.
N85-15689/1 **10**-*520,939* PC **A02**/MF **A01**

**N85-15690/9**
Investigation of Vortex-Induced Aerodynamic Characteristics of Supersonic Cruise Configurations.
N85-15690/9 **10**-*520,940* PC **A02**/MF **A01**

**N85-15691/7**
Loads and Aeroelasticity Division Research and Technology Accomplishments for FY 1984 and Plans for FY 1985.
N85-15691/7 **10**-*520,941* PC **A08**/MF **A01**

**N85-15692/5**
Design Study of Technology Requirements for High Performance Single-Propeller-Driven Business Airplanes.
N85-15692/5 **10**-*520,961* PC **A06**/MF **A01**

**N85-15693/3**
Downwash in the Plane of Symmetry of an Elliptically Loaded Wing.
N85-15693/3 **10**-*520,942* PC **A03**/MF **A01**

**N85-15694/1**
Comparative Study of the Nonuniqueness Problem of the Potential Equation.
N85-15694/1 **10**-*520,943* PC **A02**/MF **A01**

**N85-15695/8**
Aileron Effectiveness for a Subsonic Transport Model with a High-Aspect-Ratio Supercritical Wing.
N85-15695/8 **10**-*520,944* PC **A13**/MF **A01**

**N85-15696/6**
Exploratory Study of Finite Difference Grids for Transonic Unsteady Aerodynamics.
N85-15696/6 **10**-*520,945* PC **A03**/MF **A01**

**N85-15697/4**
Comparison of Analytical and Experimental Steady and Unsteady-Pressure Distributions at Mach Number 0.78 for a High-Aspect-Ratio Supercritical Wing Model with Oscillating Control Surfaces.
N85-15697/4 **10**-*520,946* PC **A04**/MF **A01**

**N85-15701/4**
Flow of Nitrogen-Pressurized Halon 1301 in Fire Extinguishing Systems.
N85-15701/4 **10**-*522,426* PC **A06**/MF **A01**

**N85-15702/2**
UH-1H Helicopter Icing Flight Test Program: An Overview.
N85-15702/2 **10**-*520,962* PC **A03**/MF **A01**

**N85-15706/3**
Effects of Aircraft and Flight Parameters on Energy-Efficient Profile Descents in Time-Based Metered Traffic.
N85-15706/3 **10**-*520,954* PC **A02**/MF **A01**

**N85-15709/7**
Flight Testing of Litton Laser Gyro Strapdown System LTN-90 for General Aviation.
N85-15709/7 **10**-*522,583* PC **A03**/MF **A01**

**N85-15713/9**
F-8 Refueling Boom Ground Vibration Test.
N85-15713/9 **10**-*520,963* PC **A03**/MF **A01**

**N85-15714/7**
Systems Study for an Integrated Digital-Electric Aircraft (IDEA).
N85-15714/7 **10**-*520,964* PC **A10**/MF **A01**

**N85-15715/4**
Study to Eliminate Ground Resonance Using Active Controls.
N85-15715/4 **10**-*520,965* PC **A06**/MF **A01**

**N85-15716/2**
Installed Nacelle Drag-Improvement Tests of an M = 0.8 Turboprop Transport Configuration.
N85-15716/2 **10**-*520,947* PC **A17**/MF **A01**

**N85-15717/0**
Speed Benefits of Tilt-Rotor Designs for LHX.
N85-15717/0 **10**-*520,966* PC **A05**/MF **A01**

**N85-15718/8**
Integrated Technology Wing Study (Oral Presentation).
N85-15718/8 **10**-*520,967* PC **A09**/MF **A01**

**N85-15720/4**
NYKINM, a Further Development of KINM 22.
N85-15720/4 **10**-*522,584* PC **A03**/MF **A01**

**N85-15724/6**
Improved Computer Model for Prediction of Axial Gas Turbine Performance Losses.
N85-15724/6 **10**-*523,188* PC **A06**/MF **A01**

**N85-15725/3**
Effect of Steady-State Temperature Distortion on Inlet Flow to a High-Bypass-Ratio Turbofan Engine.
N85-15725/3 **10**-*523,189* PC **A03**/MF **A01**

**N85-15726/1**
Integrating Chemical Kinetic Rate Equations by Selective Use of Stiff and Nonstiff Methods.
N85-15726/1 **10**-*521,733* PC **A02**/MF **A01**

**N85-15727/9**
Experimental Study of the Spray Characteristics of a Research Airblast Atomizer.
N85-15727/9 **10**-*523,190* PC **A02**/MF **A01**

**N85-15728/7**
Structure of Dilute Combusting Sprays.
N85-15728/7 **10**-*522,224* PC **A06**/MF **A01**

**N85-15729/5**
Predicted Performance Benefits of an Adaptive Digital Engine Control System of an F-15 Airplane.
N85-15729/5 **10**-*520,973* PC **A02**/MF **A01**

**N85-15752/7**
More Than You Want to Know About Maximum Likelihood Estimation.
N85-15752/7 **10**-*520,974* PC **A03**/MF **A01**

**N85-15755/0**
Description of the Insulation System for the Langley 0.3-Meter Transonic Cryogenic Tunnel.
N85-15755/0 **10**-*522,478* PC **A03**/MF **A01**

**N85-15756/8**
Western Aeronautical Test Range of NASA Ames Research Center.
N85-15756/8 **10**-*523,215* PC **A02**/MF **A01**

**N85-15757/6**
Analytical and Physical Modeling Program for the NASA Lewis Research Center's Altitude Wind Tunnel (AWT).
N85-15757/6 **10**-*522,479* PC **A02**/MF **A01**

**N85-15758/4**
NASA Altitude Wind Tunnel (AWT): Its Role in Advanced Icing Research and Development.
N85-15758/4 **10**-*522,480* PC **A02**/MF **A01**

**N85-15759/2**
Facility Safety Study.
N85-15759/2 **10**-*522,427* PC **A10**/MF **A01**

**N85-15763/4**
Experiences with the Use of a Side-Strut Model Support System for High Angles of Attack in the Trinsonik Wind Tunnel Tmk.
N85-15763/4 **10**-*522,481* PC **A04**/MF **A01**

**N85-15764/2**
Commerce Laboratory: Mission Analysis Payload Integration Study.
N85-15764/2 **10**-*523,204* PC **A02**/MF **A01**

**N85-15765/9**
BDLI Memorandum on the Future of Space Flight in the Federal Republic of Germany.
N85-15765/9 **10**-*523,205* PC **A04**/MF **A01**

**N85-15766/7**
Float Zone Experiments in Space.
N85-15766/7 **10**-*522,928* PC **A04**/MF **A01**

**N85-15771/7**
Nondestructive Deceleration of a Rocket Sled.
N85-15771/7 **10**-*522,905* PC **A02**/MF **A01**

**N85-15772/5**
Investigation of Tethered Satellite System Dynamics.
N85-15772/5 **10**-*523,206* PC **A05**/MF **A01**

**N85-15773/3**
Natural Environmental Criteria for the Space Station Definition and Preliminary Design, Revised.
N85-15773/3 **10**-*523,211* PC **A02**/MF **A01**

**N85-15774/1**
Upper Atmosphere Research Satellite (UARS) Trade Analysis.
N85-15774/1 **10**-*523,216* PC **A05**/MF **A01**

**N85-15776/6**
Konzeption und Kostenanalyse Einer Raumstation im Mondorbit (Concept and Cost Analysis of an Orbiting Lunar Station).
N85-15776/6 **10**-*523,207* PC **A05**/MF **A01**

**N85-15777/4**
Columbia: The First 5 Flights Entry Heating Data Series. Volume 1: An Overview.
N85-15777/4 **10**-*523,213* PC **A21**/MF **A01**

**N85-15778/2**
Effect of Aerodynamic and Angle-of-Attack Uncertainties on the May 1979 Entry Flight Control System of the Space Shuttle from Mach 8 to 1.5.
N85-15778/2 **10**-*523,214* PC **A07**/MF **A01**

**N85-15779/0**
Characterization of MMIC Devices for Active Array Antennas.
N85-15779/0 **10**-*522,002* PC **A02**/MF **A01**

**N85-15793/1**
Thermal and Cryogenic Design Study for Space Infrared Telescope Facility (SIRTF).
N85-15793/1 **10**-*521,015* PC **A08**/MF **A01**

**N85-15794/9**
Study of Alternate Optical and Fine Guidance Sensor Designs for the Space Infrared Telescope Facility (SIRTF).
N85-15794/9 **10**-*521,016* PC **A08**/MF **A01**

**N85-15795/6**
Pointing and Control System Design Study for the Space Infrared Telescope Facility (SIRTF).
N85-15795/6 **10**-*521,017* PC **A10**/MF **A01**

**N85-15796/4**
Space Station Truss Structures and Construction Considerations.
N85-15796/4 **10**-*523,212* PC **A06**/MF **A01**

**N85-15798/0**
Natural Interference Phenomena Affecting Spaceborne Receivers.
N85-15798/0 **10**-*522,482* PC **A02**/MF **A01**

**N85-15800/4**
Study on Control of Ion Engine System.
N85-15800/4 **10**-*523,137* PC **A07**/MF **A01**

**N85-15801/2**
High Altitude Chemically Reacting Gas Particle Mixtures. Volume 1. A Theoretical Analysis and Development of the Numerical Solution.
N85-15801/2 **10**-*521,734* PC **A11**/MF **A01**

**N85-15802/0**
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N85-15802/0 **10**-*521,735* PC **A14**/MF **A01**

**N85-15803/8**
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N85-15803/8 **10**-*521,736* PC **A19**/MF **A01**

**N85-15804/6**
Preliminary Evaluation of a Liquid Belt Radiator for Space Applications.
N85-15804/6 **10**-*522,241* PC **A09**/MF **A01**

**N85-15805/3**
Ion Thruster Project.
N85-15805/3 **10**-*523,138* PC **A02**/MF **A01**

**N85-15806/1**
Extended Performance Technology Study 30-cm Thruster.
N85-15806/1 **10**-*523,139* PC **A10**/MF **A01**

**N85-15807/9**
Investigations into the Improvement of Processing of Bolivian Tin Ores.
N85-15807/9 **10**-*521,880* PC **A09**/MF **A01**

**N85-15808/7**
Qualification of an Electrothermal Hydrazine Thruster with a Vacuum Thrust of 0.5 to 2.0 N.
N85-15808/7 **10**-*523,201* PC **A04**/MF **A01**

**N85-15809/5**
Ramjet and Ramrocket Propulsion Systems for Missiles.
N85-15809/5 **10**-*523,202* PC **A11**/MF **A01**

**N85-15819/4**
Biocatalyzed Processes for Production of Commodity Chemicals: Assessment of Future Research Advances for n-Butanol Production.
N85-15819/4 **10**-*521,658* PC **A03**/MF **A01**

**N85-15821/0**
Study of the Stress Wave Factor Technique for the Characterization of Composite Materials.
N85-15821/0 **10**-*522,096* PC **A06**/MF **A01**

**N85-15822/8**
Study of Interply Layer Effects on the Free-Edge Stress Field of Angleplied Laminates.
N85-15822/8 **10**-*522,097* PC **A03**/MF **A01**

**N85-15823/6**
Design Procedures for Fiber Composite Structural Components: Panels Subjected to Combined in-Plane Loads.
N85-15823/6 **10**-*522,098* PC **A03**/MF **A01**

**N85-15824/4**
Growth of Metastable Peritectic Compounds.
N85-15824/4 **10**-*522,129* PC **A04**/MF **A01**

**N85-15825/1**
Growth of Metastable Peritectic Compounds.
N85-15825/1 **10**-*522,130* PC **A04**/MF **A01**

**N85-15826/9**
Unidirectional Fibers and Polyurethane Elastomer Matrix Based Composites Synthesis and Properties.
N85-15826/9 **10**-*522,099* PC **A10**/MF **A01**

**N85-15827/7**
Flame Resistant Fibrous Materials Development.
N85-15827/7 **10**-*522,114* PC **A02**/MF **A01**

**N85-15830/1**
Development and Production of Improved alpha-Phase Silicon Nitride Powders for Hot Pressing and Sintering.
N85-15830/1 **10**-*522,100* PC **A03**/MF **A01**

**N85-15831/9**
Impressions from a Study Tour in Finland Concerning Fiber Reinforced Plastics, June 1984.
N85-15831/9 **10**-*522,101* PC **A02**/MF **A01**

**N85-15836/8**
Study of the Liquid Vapor Equilibrium in the Bromine-Hydrobromic Acid-Water System.
N85-15836/8 **10**-*521,737* PC **A02**/MF **A01**

**N85-15853/3**
Influence of Sample Collection and Methods of Analysis on Chemical Concentrations Measured in Rainwater.
N85-15853/3 **10**-*521,738* PC **A03**/MF **A01**

**N85-15875/6**
Study of High Performance Alloy Electroforming.
N85-15875/6 **10**-*522,385* PC **A02**/MF **A01**

**N85-15877/2**
Thermal-Mechanical Fatigue Crack Growth in Inconel X-750.
N85-15877/2 **10**-*522,131* PC **A02**/MF **A01**

**N85-15878/0**
Optimization of the Nicral-Y/Zro-Y2O3 Thermal Barrier System.
N85-15878/0 **10**-*522,090* PC **A02**/MF **A01**

**N85-15880/6**
SPAR X Technical Report for Experiment 76-22 Directional Solidification of Magnetic Composites.
N85-15880/6 **10**-*522,929* PC **A04**/MF **A01**

**N85-15887/1**
Diffusion in Metallen Unter Dem Einfluss von Hohen Mechanischen Spannungen und Beschleunigungen (Diffusion in Metals under High Mechanical Strain and Acceleration).
N85-15887/1 **10**-*522,132* PC **A06**/MF **A01**

**N85-15888/9**
Metallographic Investigation of Rotating Bands for 7.5 cm Artillery Projectiles.
N85-15888/9 **10**-*522,899* PC **A03**/MF **A01**

**N85-15892/1**
Imide Modified Epoxy Matrix Resins.
N85-15892/1 **10**-*522,102* PC **A04**/MF **A01**

**N85-15893/9**
Fundamental Tribological Properties of Ceramics.
N85-15893/9 **10**-*522,081* PC **A02**/MF **A01**

**N85-15894/7**
Evaluation of Colorless Polyimide Film for Thermal Control Coating Applications.
N85-15894/7 **10**-*522,091* PC **A02**/MF **A01**

**N85-15895/4**
Experimental Test Program for Evaluation of Solid Lubricant Coating as Applied to Compliant Foil Gas Bearings to 315 Deg C.
N85-15895/4 **10**-*522,158* PC **A04**/MF **A01**

**N85-15896/2**
Surface Effects of Corrosive Media on Hardness, Friction, and Wear of Materials.
N85-15896/2 **10**-*522,133* PC **A02**/MF **A01**

**N85-15897/0**
Contact Angle and Surface Tension Measurements of a Five-Ring Polyphenyl Ether.
N85-15897/0 **10**-*522,159* PC **A02**/MF **A01**

**N85-15898/8**
Oxidation Resistance of Silicon Ceramics.
N85-15898/8 **10**-*522,082* PC **A02**/MF **A01**

**N85-15917/6**
Development and Production of Improved Silicon Carbide Powder for Pressureless Sintering and Hot Pressing.
N85-15917/6 **10**-*522,083* PC **A03**/MF **A01**

**N85-15923/4**
Making High Explosive Bodies for Shaped Charges by Casting or Pressing. Shaped Charge Research at Research Institute of National Defence (FOA) in 1972 - 1983, Part 1.
N85-15923/4 **10**-*522,900* PC **A03**/MF **A01**

**N85-15924/2**
Combustion Properties of Fuel-Rich Magnesium Propellants with HTPB as Binder.
N85-15924/2 **10**-*523,133* PC **A03**/MF **A01**

**N85-15943/2**
MMIC Devices for Active Phased Array Antennas.
N85-15943/2 **10**-*522,003* PC **A02**/MF **A01**

**N85-15944/0**
20 Ghz Proof-of-Concept Test Model Results for a Multiple Scan Beam Dual Reflector Antenna.
N85-15944/0 **10**-*522,004* PC **A02**/MF **A01**

**N85-15975/4**
Modern Signal Processing and Reconnaissance.
N85-15975/4 **10**-*522,517* PC **A06**/MF **A01**

**N85-15989/5**
Power Transfer from Natural Emitters to Collection Apertures at Microwave Wavelengths.
N85-15989/5 **10**-*522,580* PC **A03**/MF **A01**

**N85-15990/3**
Spaceborne Receivers: Basic Principles.
N85-15990/3 **10**-*522,483* PC **A05**/MF **A01**

**N85-15991/1**
Target Detection Using Microwave Irradiances from Natural Sources: A Passive, Local and Global Surveillance System.
N85-15991/1 **10**-*522,581* PC **A03**/MF **A01**

**N85-15992/9**
Performance Characteristics of a Battery Charger and State-of-Charge Indicator.
N85-15992/9 **10**-*522,067* PC **A04**/MF **A01**

**N85-15993/7**
Cost and Benefits Optimization Model for Fault-Tolerant Aircraft Electronic Systems.
N85-15993/7 **10**-*520,968* PC **A13**/MF **A01**

**N85 15994/5**
Data Appendix: F-Number = 1.0 EMR with a Flexible Back Electrode.
N85-15994/5 **10**-*522,005* PC **A04**/MF **A01**

**N85-16011/7**
Development of a 30 Ghz/1 kw Broadband Traveling Wave Tube with Suppression of Band Edge Oscillations.
N85-16011/7 **10**-*521,920* PC **A05**/MF **A01**

**N85-16012/5**
Development of a 2 Micrometer Silicon-Gate-CMOS-Technology for Microcomputer Oriented VLSI Circuits with a Supply Voltage Range Between 1.5 and 5 V.
N85-16012/5 **10**-*522,006* PC **A11**/MF **A01**

**N85-16059/6**
Second-Order Accurate Parabolized Navier-Stokes Algorithm for Internal Flows.
N85-16059/6 **10**-*522,945* PC **A02**/MF **A01**

**N85-16060/4**
Computational Analysis of Scramjet Dual Mode Operation.
N85-16060/4 **10**-*523,191* PC **A02**/MF **A01**

**N85-16061/2**
Numerical Reconstruction of Part of an Actual Blast-Wave Flow Field to Agree with Available Experimental Data.
N85-16061/2 **10**-*522,906* PC **A09**/MF **A01**

**N85-16062/0**
Numerical Studies of Interacting Vortices.
N85-16062/0 **10**-*522,946* PC **A02**/MF **A01**

**N85-16063/8**
Instability of a 3-Dimensional Attachment Line Boundary Layer: Weakly Nonlinear Theory and a Numerical Approach.
N85-16063/8 **10**-*522,947* PC **A04**/MF **A01**

**N85-16064/6**
Existence and Non-Uniqueness of Similarity Solutions of a Boundary Layer Problem.
N85-16064/6 **10**-*522,948* PC **A02**/MF **A01**

**N85-16065/3**
Laminar Heat-Transfer Distributions on Biconics at Incidence in Hypersonic-Hypervelocity Flows.
N85-16065/3 **10**-*522,949* PC **A07**/MF **A01**

**N85-16066/1**
Reduction Method for Thermal Analysis of Complex Aerospace Structures.
N85-16066/1 **10**-*523,120* PC **A03**/MF **A01**

**N85-16095/0**
Research Relative to the Development of a Cryogenic Microwave Cavity Gradiometer for Orbital Use.
N85-16095/0 **10**-*522,484* PC **A03**/MF **A01**

**N85-16096/8**
High Temperature Thermocouple and Heat Flux Gauge Using a Unique Thin Film-Hardware Hot Juncture.
N85-16096/8 **10**-*522,485* PC **A03**/MF **A01**

**N85-16098/4**
Stereo Electro-Optical Tracking System (SETS).
N85-16098/4 **10**-*522,486* PC **A03**/MF **A01**

**N85-16099/2**
Effect of Five Lubricants on Life of AISI 9310 Spur Gears.
N85-16099/2 **10**-*522,160* PC **A02**/MF **A01**

**N85-16100/8**
Integrated Exhaust Gas Analysis System for Aircraft Turbine Engine Component Testing.
N85-16100/8 **10**-*522,487* PC **A03**/MF **A01**

**N85-16101/6**
Calibration of Photographic and Spectroscopic Films: A Densitometric Analysis of IIaO Film Flown Aboard the Space Shuttle 3.
N85-16101/6 **10**-*522,520* PC **A02**/MF **A01**

**N85-16143/8**
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N85-16143/8 **10**-*522,488* PC **A04**/MF **A01**

**N85-16144/6**
Method for Non Contacting Gauging of the Wall Thickness of Tubes by Backscattering Radiation.
N85-16144/6 **10**-*522,489* PC **A03**/MF **A01**

**N85-16145/3**
Data Handling for the Spectral Radiometer (SPERAD).
N85-16145/3 **10**-*522,490* PC **A03**/MF **A01**

**N85-16159/4**
Spacecraft System Study: A Study to Define the Impact of Laser Communication Systems on Their Host Spacecraft.
N85-16159/4 **10**-*522,573* PC **A12**/MF **A01**

**N85-16173/5**
Laser Ignition of Explosives.
N85-16173/5 **10**-*523,134* PC **A03**/MF **A01**

**N85-16178/4**
Precise Control of Flexible Manipulators.
N85-16178/4 **10**-*522,401* PC **A04**/MF **A01**

**N85-16181/8**
Bearing Tester Fit Analysis.
N85-16181/8 **10**-*522,491* PC **A04**/MF **A01**

**N85-16190/9**
Reparaturloet- und Schweissverfahren fuer Turbinenkomponenten und Untersuchung des Loetverhalten Bindemittelfreier Lotfolien (Repair Welding and Brazing Procedures for Turbine Components and Investigation of the Brazing Behavior of Thin Filler Foils).
N85-16190/9 **10**-*522,386* PC **A04**/MF **A01**

**N85-16191/7**
Schweissen von Pm-Superlegierlungen (Welding of Pm-Superalloys)
N85-16191/7 **10**-*522,387* PC **A04**/MF **A01**

**N85-16192/5**
Nonlinear Control Model of an H2O Steam Reactor.
N85-16192/5 **10**-*522,242* PC **A06**/MF **A01**

**N85-16193/3**
Comparison Between Cycle Ergometers with Different Mechanical Braking Systems.
N85-16193/3 **10**-*522,492* PC **A03**/MF **A01**

**N85-16195/8**
Fundamentals of Microcrack Nucleation Mechanics.
N85-16195/8 **10**-*522,084* PC **A05**/MF **A01**

**N85-16198/2**
Possibilities for a More Accurate Life Prediction of Components.
N85-16198/2 **10**-*522,134* PC **A04**/MF **A01**

**N85-16203/0**
Quantitative Acoustic Emission Techniques.
N85-16203/0 **10**-*522,493* PC **A06**/MF **A01**

**N85-16204/8**
Stresses in Pin-Loaded Orthotropic Plates Using Photoelasticity.
N85-16204/8 **10**-*522,103* PC **A03**/MF **A01**

**N85-16205/5**
Experimental Compliance Calibration of the NASA Lewis Research Center Mode 2 Fatigue Specimen.
N85-16205/5 **10**-*522,494* PC **A02**/MF **A01**

**N85-16206/3**
Back Stress in Dislocation Creep. Part 1: Basic Concepts and Measuring Techniques.
N85-16206/3 **10**-*522,135* PC **A02**/MF **A01**

**N85-16207/1**
Measurement of High Temperature Strain by the Laser-Speckle Strain Gauge.
N85-16207/1 **10**-*522,495* PC **A02**/MF **A01**

**N85-16208/9**
Investigation of the HPFTP First Stage Impeller Crack.

N85-16208/9 **10**-*522,423* PC **A02**/MF **A01**

**N85-16218/8**

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N85-16218/8 **10**-*522,496* PC **A04**/MF **A01**

**N85-16219/6**

Influence of Fastener Flaxibility on Load Transfer and Fatigue Life Predictions for Multirow Bolted and Riveted Joints.

N85-16219/6 **10**-*522,361* PC **A07**/MF **A01**

**N85-16221/2**

Effect of the Test Atmosphere on the Formation and Propagation of Creep Cracks in Commercial High Temperature Alloys.

N85-16221/2 **10**-*522,497* PC **A09**/MF **A01**

**N85-16222/0**

Das Messen und Bewerten der Beanspruchung von Wellen durch Torsionsschwingungen (Measurement and Evaluation of the Loading of Shafts by Torsional Vibrations).

N85-16222/0 **10**-*522,402* PC **A03**/MF **A01**

**N85-16241/0**

Variation in Spectral Response of Soybeans with Respect to Illumination, View, and Canopy Geometry.

N85-16241/0 **10**-*520,993* PC **A03**/MF **A01**

**N85-16242/8**

Spectral Estimators of Absorbed Photosynthetically Active Radiation in Corn Canopies.

N85-16242/8 **10**-*520,994* PC **A02**/MF **A01**

**N85-16243/6**

Changes in Spectral Properties of Detached Leaves.

N85-16243/6 **10**-*521,006* PC **A02**/MF **A01**

**N85-16244/4**

Characterizing the Scientific Potential of Satellite Sensors.

N85-16244/4 **10**-*521,803* PC **A02**/MF **A01**

**N85-16245/1**

Detecting Agricultural to Urban Land Use Change from Multi-Temporal MSS Digital Data.

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**N85-16246/9**

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**N85-16247/7**

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**N85-16273/3**

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**N85-16284/0**

Enhancement of Multispectral Scanner Images by Digital Filtering.

N85-16284/0 **10**-*521,965* PC **A07**/MF **A01**

**N85-16285/7**

Remote Sensing of Atmospheric Gases with CO2 Lasers. Continuation and Conclusion of Spectroscopic Investigations.

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**N85-16291/5**

Gas Cooled Fuel Cell Systems Technology Development.

N85-16291/5 **10**-*522,052* PC **A15**/MF **A01**

**N85-16292/3**

Engineering Model System Study for a Regenerative Fuel Cell: Study Report.

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**N85-16293/1**

Infrared Technology for Satellite Power Conversion.

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**N85-16294/9**

Results of the 1984 NASA/JPL Balloon Flight Solar Cell Calibration Program.

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**N85-16295/6**

Multijunction Cells for Concentrators: Technology Prospects.

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**N85-16296/4**

Antisoiling Technology: Theories of Surface Soiling and Performance of Antisoiling Surface Coatings.

N85-16296/4 **10**-*522,035* PC **A03**/MF **A01**

**N85-16297/2**

What Should Doe Do to Help Establish Voluntary Consensus Standards for Measuring and Rating the Performance of PV Modules.

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**N85-16298/0**

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**N85-16299/8**

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**N85-16300/4**

Advanced Technology Cogeneration System Conceptual Design Study: Closed Cycle Gas Turbines.

N85-16300/4 **10**-*522,058* PC **A13**/MF **A01**

**N85-16301/2**

Development of Large Wind Energy Power Generation System.

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**N85-16302/0**

Demonstration of Transparent Solar Array Module Design.

N85-16302/0 **10**-*522,060* PC **A05**/MF **A01**

**N85-16308/7**

Solar Energy Conversion Based on the Principle of Fluorescent Collectors. Installation of a Test Collector to Deliver Several Watts Power.

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**N85-16309/5**

Solar Energy Conversion Based on the Principle of Fluorescent Collectors.

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**N85-16320/2**

Atmospheric Environment for Space Shuttle (STS-41G) Launch.

N85-16320/2 **10**-*521,086* PC **A03**/MF **A01**

**N85-16323/6**

Synthesis of Proterozoic Data as a Prerequisite for Tectonic and Thermal Modeling.

N85-16323/6 **10**-*521,842* PC **A04**/MF **A01**

**N85-16325/1**

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Synoptical Observations of Snow Depths at Dutch Meteorological Stations, 1956 - 1977.

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**N85-16408/5**

Beschuttingscorrectie Wind (Wind Sheltering Correction).

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**N85-16409/3**

Comparative Investigation of Three Commercial Radiosonde Systems.

N85-16409/3 **10**-*521,091* PC **A02**/MF **A01**

**N85-16422/6**

Development of the Vestibular Apparatus under Conditions of Weightlessness.

N85-16422/6 **10**-*521,644* PC **A03**/MF **A01**

**N85-16468/9**

Development of a Preprototype Times Wastewater Recovery Subsystem, Addendum.

N85-16468/9 **10**-*521,585* PC **A06**/MF **A01**

**N85-16469/7**

Problems Associated with the Utilization of Algae in Bioregenerative Life Support Systems.

N85-16469/7 **10**-*521,415* PC **A02**/MF **A01**

**N85-16470/5**

Algal Culture Studies Related to a Closed Ecological Life Support System (CELSS).

N85-16470/5 **10**-*521,416* PC **A03**/MF **A01**

**N85-16471/3**

Controlled Ecological Life Support System Higher Plant Flight Experiments.

N85-16471/3 **10**-*521,586* PC **A02**/MF **A01**

**N85-16472/1**

Control and Modeling of a CELSS (Controlled Ecological Life Support System).

N85-16472/1 **10**-*521,587* PC **A05**/MF **A01**

**N85-16473/9**

Feasibility of Producing a Range of Food Products from a Limited Range of Undifferenitiated Major Food Components.

N85-16473/9 **10**-*521,569* PC **A06**/MF **A01**

**N85-16480/4**

Research in Applied Mathematics, Numerical Analysis, and Computer Science.

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**N85-16489/5**

Formal Verification of Mathematical Software.

N85-16489/5 **10**-*521,966* PC **A08**/MF **A01**

**N85-16490/3**

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N85-16490/3 **10**-*521,967* PC **A04**/MF **A01**

**N85-16491/1**

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N85-16491/1 **10**-*521,968* PC **A03**/MF **A01**

**N85-16516/5**

Operating System Vs Programmeromgeving Met Unix als Voorbeeld (Operating System Versus Programming Environment, for Example the UNIX).

N85-16516/5 **10**-*521,969* PC **A03**/MF **A01**

**N85-16525/6**

Solution of Partial Differential Equations on Vector and Parallel Computers.

N85-16525/6 **10**-*522,207* PC **A08**/MF **A01**

**N85-16565/2**

Spline Methods for Approximating Quantile Functions and Generating Random Samples.

N85-16565/2 **10**-*522,208* PC **A03**/MF **A01**

**N85-16586/8**

Ultrasound Instrumentation for the 7 Inch Mach Seven Tunnel.

N85-16586/8 **10**-*522,501* PC **A03**/MF **A01**

**N85-16587/6**

Aeroacoustic Data for High Reynolds Number Supersonic Axisymmetric Jets.

N85-16587/6 **10**-*522,919* PC **A04**/MF **A01**

**N85-16588/4**

Detection of Low Frequency Impulsive Noise from Large Wind Turbine Generators.

N85-16588/4 **10**-*522,037* PC **A02**/MF **A01**

**N85-16589/2**

Long Range Propagation of Sound over Irregular Terrain.

N85-16589/2 **10**-*522,920* PC **A03**/MF **A01**

**N85-16590/0**

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N85-16590/0 **10**-*520,948* PC **A07**/MF **A01**

**N85-16601/5**

13C Nuclear Magnetic Resonance in Graphite Intercalation Compounds.

N85-16601/5 **10**-*521,739* PC **A02**/MF **A01**

**N85-16611/4**

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**N85-16621/3**

Evaluation of a Deformable Diffraction Grating for a Stigmatic EUV Spectroheliometer.

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Development and Test of Ultra-Large-Format Multi-Anode Microchannel Array Detector Systems.
N85-16622/1 **10**-*522,582* PC **A02**/MF **A01**

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Research Relative to Plasma Transport Across the Magnetopause.
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**N85-16637/9**
High-Power Radiating Plasma.
N85-16637/9 **10**-*522,969* PC **A03**/MF **A01**

**N85-16649/4**
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**N85-16698/1**
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N85-16698/1 **10**-*522,085* PC **A03**/MF **A01**

**N85-16699/9**
Methods for Heat Transfer and Temperature Field Analysis of the Insulated Diesel.
N85-16699/9 **10**-*523,195* PC **A12**/MF **A01**

**N85-16724/5**
SIRTF: The Next Step.
N85-15724/5 **10**-*521,019* PC **A02**/MF **A01**

**N85-16725/2**
Abundance of Deuterium in the Outer Solar System from Ground-Based Measurements of Monodeuterated Methane.
N85-16725/2 **10**-*521,020* PC **A02**/MF **A01**

**N85-16726/0**
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N85-16726/0 **10**-*521,028* PC **A04**/MF **A01**

**N85-16728/6**
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**N85-16826/8**
Helicopter Model Rotor-Blade Vortex Interaction Impulsive Noise: Scalability and Parametric Variations.
N85-16826/8 **11**-*523,242* PC **A03**/MF **A01**

**N85-16827/6**
Vectorizable Multigrid Algorithms for Transonic Flow Calculations.
N85-16827/6 **11**-*525,355* PC **A05**/MF **A01**

**N85-16828/4**
First Derivatives of Flow Quantities Behind Two-Dimensional, Nonuniform Supersonic Flow over a Convex Corner.
N85-16828/4 **11**-*525,356* PC **A02**/MF **A01**

**N85-16829/2**
Aerodynamic-Structural Study of Canard Wing, Dual Wing, and Conventional Wing Systems for General Aviation Applications.
N85-16829/2 **11**-*523,222* PC **A05**/MF **A01**

**N85-16830/0**
Nyu Inverse Swept Wing Code.
N85-16830/0 **11**-*525,357* PC **A06**/MF **A01**

**N85-16831/8**
Steady- and Unsteady-Pressure Measurements on a Supercritical-Wing Model with Oscillating Control Surfaces at Subsonic and Transonic Speeds.
N85-16831/8 **11**-*523,223* PC **A13**/MF **A01**

**N85-16838/3**
Theoretical Contributions to Transonic Flow Analysis for Transport Aircraft.
N85-16838/3 **11**-*523,224* PC **A06**/MF **A01**

**N85-16839/1**
Comparison of Measured and Predicted Unsteady Pressure on a Fan Blade in Unstalled Supersonic Flutter.
N85-16839/1 **11**-*523,225* PC **A02**/MF **A01**

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**N85-16861/5**
Integrated Digital/Electric Aircraft Concepts Study.
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**N85-16862/3**
Study of Winglets Applied to Biplanes.
N85-16862/3 **11**-*523,244* PC **A02**/MF **A01**

**N85-16863/1**
Numerical Analysis of the First Static Calibration of the RSRA Helicopter Active-Isolator Rotor Balance System.
N85-16863/1 **11**-*524,803* PC **A04**/MF **A01**

**N85-16868/0**
Reference Energy-Altitude Descent Guidance: Simulator Evaluation.
N85-16868/0 **11**-*523,249* PC **A03**/MF **A01**

**N85-16869/8**
Cockpit-Display Concept for Executing a Multiple Glide-Slope Approach for Wake-Vortex Avoidance.
N85-16869/8 **11**-*523,250* PC **A03**/MF **A01**

**N85-16871/4**
Development, Production and Testing of Central Control and Display Unit for Helicopters.
N85-16871/4 **11**-*523,251* PC **A04**/MF **A01**

**N85-16872/2**
Realization and Testing of an Experimental Color Display System for General Aviation Helicopters and Aircraft.
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**N85-16877/1**
Mission-Oriented Requirements for Updating MIL-H-8501. Volume 1. STI Proposed Structure.
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**N85-16881/3**
Flight Test of the Open Loop Gust Alleviation (OLGA) System.
N85-16881/3 **11**-*523,255* PC **A04**/MF **A01**

**N85-16882/1**
Results of S5 CH Tests with an ARL (Aerospace Research Laboratory) Cascade.
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**N85-16937/3**
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N85-16937/3 **11**-*525,821* PC **A23**/MF **A01**

**N85-16981/1**
Commerce Lab: Mission Analysis and Payload Integration Study.
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**N85-16982/9**
Commerce Lab: Mission Analysis. Payload Integration Study.
N85-16982/9 **11**-*525,823* PC **A02**/MF **A01**

**N85-16988/6**
Impact of Lunar and Planetary Missions on the Space Station.
N85-16988/6 **11**-*525,824* PC **A07**/MF **A01**

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OTV Propulsion Issues.
N85-16989/4 **11**-*525,830* PC **A13**/MF **A01**

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Space Station Needs, Attributes, and Architectural Option Study.
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Botany Facility, Phase A Study. Part 1. Executive Summary.
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**N85-17016/5**
Qualification of a Hydrazine Gas Generator System with Electrothermal/Catalytic Gas Generator.
N85-17016/5 **11**-*524,806* PC **A03**/MF **A01**

**N85-17019/9**
Analysis of Nonvolatile Residue (NVR) from Spacecraft Systems.
N85-17019/9 **11**-*524,041* PC **A02**/MF **A01**

**N85-17020/7**
Passive Orbital Disconnect Strut (PODS 3) Structural Test Program.
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**N85-17021/5**
Exploratory Investigation of the Aerodynamic Characteristics of a Biwing Vehicle at Mach 20.3.
N85-17021/5 **11**-*523,226* PC **A03**/MF **A01**

**N85-17023/1**
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N85-17023/1 **11**-*525,678* PC **A04**/MF **A01**

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Effects of High Energy Radiation on the Mechanical Properties of Epoxy-Graphite Fiber Reinforced Composites.
N85-17047/0 **11**-*524,452* PC **A04**/MF **A01**

**N85-17048/8**
Advances in Composites Technology.
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**N85-17049/6**
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N85-17049/6 **11**-*523,245* PC **A02**/MF **A01**

**N85-17086/8**
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**N85-17087/6**
Research and Development Work Concerning Liquid Membranes.
N85-17087/6 **11**-*524,043* PC **A04**/MF **A01**

**N85-17088/4**
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**N85-17089/2**
Two-Fluid Model of Turbulence Applied to Combustion Phenomena.
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**N85-17093/4**
Research Program to Study Transition Metal Trimers and Embedded Clusters.
N85-17093/4 **11**-*524,044* PC **A04**/MF **A01**

**N85-17126/2**
On-Line Monitoring of the True Corrosion Rate in Problems Related to Power Plants.
N85-17126/2 **11**-*524,387* PC **A03**/MF **A01**

**N85-17127/0**
Static and Dynamic Fracture Toughness Characterization of SA508 Forging and SA533b Welded Plate.
N85-17127/0 **11**-*524,494* PC **A03**/MF **A01**

**N85-17129/6**
Ceramic Fabrication Process Before Firing-Surface Treatment of Ceramic Powder.
N85-17129/6 **11**-*524,431* PC **A02**/MF **A01**

**N85-17150/2**
Performance of Fomblin Z25 Oil in Ball Bearings Operating in Vacuum.
N85-17150/2 **11**-*525,836* PC **A03**/MF **A01**

**N85-17151/0**
Density of States and Recombination in Amorphous Silicon (A-Si:H).
N85-17151/0 **11**-*525,647* PC **A04**/MF **A01**

**N85-17152/8**
Rolls-Royce Experience with Thermal Barrier Coatings.
N85-17152/8 **11**-*525,800* PC **A02**/MF **A01**

**N85-17166/8**
Process Development for the Production of Technically High Quality Monocrystalline Diamond Grits.
N85-17166/8 **11**-*524,521* PC **A05**/MF **A01**

**N85-17167/6**
Design Study of the Vacuum Pump of the ESRP.
N85-17167/6 **11**-*525,425* PC **A02**/MF **A01**

**N85-17208/8**
SIR-B Science Investigations Plan.
N85-17208/8 **11**-*524,926* PC **A10**/MF **A01**

**N85-17256/7**
Information Extraction and Transmission Techniques for Spaceborne Synthetic Aperture Radar Images.
N85-17256/7 **11**-*524,266* PC **A12**/MF **A01**

**N85-17257/5**
Coding for Reliable Satellite Communications.
N85-17257/5 **11**-*524,876* PC **A02**/MF **A01**

**N85-17258/3**
Adaptive Antenna Arrays for Weak Interfering Signals.
N85-17258/3 **11**-*524,297* PC **A04**/MF **A01**

**N85-17259/1**
Spaceborne Distributed SAR Antenna.
N85-17259/1 **11**-*524,298* PC **A03**/MF **A01**

**N85-17292/2**
Extraction of Structural Information from Radar Signals.
N85-17292/2 **11**-*524,927* PC **A04**/MF **A01**

**N85-17294/8**
Design and Test of a Four Channel Motor for Electromechanical Flight Control Actuation.
N85-17294/8 **11**-*523,256* PC **A11**/MF **A01**

**N85-17322/7**
Aerothermal Tests of a 12.5 Percent Cone at Mach 6.7 for Various Reynolds Numbers, Angles of Attack and Nose Shapes.
N85-17322/7 **11**-*523,227* PC **A05**/MF **A01**

**N85-17323/5**
Capillary Pump Loop (CPL) Heat Pipe Development Status Report.
N85-17323/5 **11**-*525,837* PC **A02**/MF **A01**

**N85-17324/3**
Study of Reynolds-Stress Closure Model.
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Computational Fluid Mechanics Utilizing the Variational Principle of Modeling Damping Seals.
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Subcooled Flow Boiling at High Heat Flux.
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**N85-17339/1**
Unsteady Free-Convection Heat Transfer Inside an Annular Cavity.
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Numerical Experiments and Theoretical Analysis of the Flow of an Elastic Liquid of the Maxwell-Oldroyd Type in the Presence of Geometrical Singularities.
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Weakly-Reflective Boundary Conditions for Two-Dimensional Shallow Water Flow Problems.
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**N85-17343/3**
Cometary Ion Mass Spectrometer.
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**N85-17344/1**
Design and Fabrication of a CCD Camera for Use with Relay Optics in Solar X-Ray Astronomy.
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Spaceborne Microwave Radiometers: Background and Technology Requirements.
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Assessment of the Operating Characteristics of the SSME LOX Turbopump Pump-End Bearing.
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Analysis of Kinematic Restraint and Freedom Using Point Contacts.
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Synthesis of Kinematic Restraint and Freedom Using Point Contacts.
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Wear of Small Polyacetal and Polymide Gears in Vacuum.
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Application of Diffusion Welding of Nickel Based Metals and Application of Electron Beam Welding of Hot Isostatically Pressed Nickel Based Powdered Metals.
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Effect of Iron on the Performance of IN 625 Weld Deposits.
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Blade Technology Program for Large Wind Turbines, Phase 1.
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Improved Orbiter Waste Collection System Study, Appendix D.

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United Kingdom Report on Space Research.

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Space Research in Denmark.

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Prandtl Hergesell Project of a National Research Establishment for Aeronautics.

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**N85-18058/6**
Study of Controlled Diffusion Stator Blading.
N85-18058/6 **12**-*528,242* PC **A07**/MF **A01**

**N85-18065/1**
High Pressure Combustion Test Facility for Gas Turbine Research.
N85-18065/1 **12**-*528,243* PC **A03**/MF **A01**

**N85-18066/9**
Flow Quality of Nal 2-Dimensional Transonic Wind Tunnel. Part 2: Extensive and Systematic Pressure Fluctuations Study in the Settling Chamber, Test Section and Second Throat of the Nal 2-D Transonic Wind Tunnel.
N85-18066/9 **12**-*527,483* PC **A03**/MF **A01**

**N85-18067/7**
Altitude Wind Tunnel (AWT): A Unique Facility for Propulsion System and Adverse Weather Testing.
N85-18067/7 **12**-*527,484* PC **A02**/MF **A01**

**N85-18068/5**
Generation of Rolling Moments with the Superconducting Solenoid Model.
N85-18068/5 **12**-*526,879* PC **A02**/MF **A01**

**N85-18069/3**
Initial Investigation of Cryogenic Wind Tunnel Model Filler Materials.
N85-18069/3 **12**-*527,485* PC **A02**/MF **A01**

**N85-18071/9**
S2ma Wind Tunnel at the Modane-Avrieux Aerodynamic Test Center.
N85-18071/9 **12**-*527,486* PC **A04**/MF **A01**

**N85-18072/7**
Impact of Lunar and Planetary Missions on the Space Station: Preliminary STS Logistics Report.
N85-18072/7 **12**-*528,264* PC **A03**/MF **A01**

**N85-18073/5**
Automatic Monoellipsoidal Mirror Furnace Facility (AMMFF). Volume 1.
N85-18073/5 **12**-*527,902* PC **A03**/MF **A01**

**N85-18074/3**
Space Research in the Federal Republic of Germany.
N85-18074/3 **12**-*525,979* PC **A05**/MF **A01**

**N85-18075/0**
Theory of the Orbital Motion of an Artificial Earth Satellite.
N85-18075/0 **12**-*526,272* PC **A04**/MF **A01**

**N85-18076/8**
25th Anniversary of the Gagarin Cosmonaut Training Center.
N85-18076/8 **12**-*526,266* PC **A02**/MF **A01**

**N85-18078/4**
Vibration Analysis of a Multipurpose Platform.
N85-18078/4 **12**-*526,268* PC **A03**/MF **A01**

**N85-18079/2**
Space Station Engineering and Technology Development.
N85-18079/2 **12**-*528,265* PC **A05**/MF **A01**

**N85-18080/0**
Study of Application of Space Telescope Science Operations Software for SIRTF Use.
N85-18080/0 **12**-*525,980* PC **A05**/MF **A01**

**N85-18081/8**
Manned Space Station Solar Array Study.
N85-18081/8 **12**-*528,269* PC **A10**/MF **A01**

**N85-18082/6**
Study on a Medium-Sized Rocket with Burnout Frame.
N85-18082/6 **12**-*526,034* PC **A04**/MF **A01**

**N85-18083/4**
Study of Air Breathing Rockets. Part 4. Direct Fuel Injection into a Secondary Combustor.
N85-18083/4 **12**-*528,256* PC **A02**/MF **A01**

**N85-18084/2**
Analytical and Experimental Investigation of Rubbing Interaction in Labyrinth Seals for a Liquid Hydrogen Fuel Pump.
N85-18084/2 **12**-*526,270* PC **A09**/MF **A01**

**N85-18089/1**
Development of a Heterogeneous Laminating Resin System.
N85-18089/1 **12**-*527,084* PC **A03**/MF **A01**

**N85-18092/5**
Fracture Mechanics Analysis and Prediction of Delamination Growth in Composite Structures.
N85-18092/5 **12**-*527,085* PC **A02**/MF **A01**

**N85-18097/4**
Multiplex Gas Chromatography for Use in Space Craft.
N85-18097/4 **12**-*526,702* PC **A05**/MF **A01**

**N85-18124/6**
Study of Spectrum Fatigue Crack Propagation in Two Aluminum Alloys. 1: Spectrum Simplification.
N85-18124/6 **12**-*527,125* PC **A02**/MF **A01**

**N85-18125/3**
Study of Spectrum Fatigue Crack Propagation in Two Aluminum Alloys. 2: Influence of Microstructures.
N85-18125/3 **12**-*527,126* PC **A02**/MF **A01**

**N85-18126/1**
Replaceable Blade Turbine and Stationary Specimen Corrosion Testing Facility.
N85-18126/1 **12**-*528,244* PC **A02**/MF **A01**

**N85-18127/9**
Effect of Tantalum on the Structure/Properties of Two Polycrystalline Nickel-Base Superalloys: B-1900 + HF Mar-M247.
N85-18127/9 **12**-*527,127* PC **A06**/MF **A01**

**N85-18151/9**
Stochastic Models of Pitting Corrosion of Stainless Steels. Part 1: Modelling of the Initiation and Growth of Pits at Constant Potential.
N85-18151/9 **12**-*527,128* PC **A03**/MF **A01**

**N85-18153/5**
Tribological Properties of Graphite-Fiber-Reinforced, Partially Fluorinated Polyimide Composites.
N85-18153/5 **12**-*527,086* PC **A03**/MF **A01**

**N85-18154/3**
Investigation of Enhanced Capability Thermal Barrier Coating Systems for Diesel Engine Components.
N85-18154/3 **12**-*527,074* PC **A07**/MF **A01**

**N85-18182/4**
Technology Reports of the Yamaguchi University, Volume 3, No. 3.
N85-18182/4 **12**-*526,055* PC **A04**/MF **A01**

**N85-18238/4**
Configuration Study for a 30 Ghz Monolithic Receive Array: Technical Assessment.
N85-18238/4 **12**-*526,970* PC **A03**/MF **A01**

**N85-18239/2**
Configuration Study for a 30 Ghz Monolithic Receive Array. Volume 1.
N85-18239/2 **12**-*526,971* PC **A09**/MF **A01**

**N85-18240/0**
Configuration Study for a 30 Ghz Monolithic Receive Array. Volume 2.
N85-18240/0 **12**-*526,972* PC **A16**/MF **A01**

**N85-18246/7**
Pulse Heterodyne Equipment for Measurements of Range and Velocity of Moving Targets-Pulse Radar.
N85-18246/7 **12**-*527,677* PC **A03**/MF **A01**

**N85-18247/5**
Calcolo Della Copertura di Sistemi Radiomobili Mediante Dati Geografico Memorizzati Su Calcolatore (Calculation of the Area Covered by Mobile Radio Systems Using Geographic Data Stored in a Computer).
N85-18247/5 **12**-*527,651* PC **A05**/MF **A01**

**N85-18248/3**
Trattamento Della Voce in Nodi a Commutazione di Pacchetto (Voice Data Processing in Packet Switching Modes).
N85-18248/3 **12**-*527,652* PC **A03**/MF **A01**

**N85-18249/1**
Analisi di Prestazioni di Reti Multiaccesso di Tipo Bus (Analysis of the Performance of Multiaccess Networks of the Bus Type).
N85-18249/1 **12**-*527,653* PC **A03**/MF **A01**

**N85-18250/9**
Un Algoritmo Crittografico a Chiave Pubblica Basato su una Generalizzazione del Problema del Knapsack (A Public Key Cryptographic Algorithm Based on a Generalization of the Knapsack Problem).
N85-18250/9 **12**-*526,963* PC **A02**/MF **A01**

**N85-18251/7**
Speech Analysis by Parametric Methods: A Survey.
N85-18251/7 **12**-*527,654* PC **A03**/MF **A01**

**N85-18252/5**
Les Modeles Arma Multivariables: Une Approche Temporelle au Traitement d'Antenne (Multivariable Autoregressive Moving Average (ARMA) Models: A Time Approach to Antenna Processing).
N85-18252/5 **12**-*526,973* PC **A10**/MF **A01**

**N85-18253/3**
Standing Wave Pattern of HF Radio Waves in the Ionospheric Reflection Region. Part 1: General Formulas.
N85-18253/3 **12**-*528,101* PC **A03**/MF **A01**

**N85-18259/0**
Metal Vapor Arc Switch Electromagnetic Accelerator Technology.
N85-18259/0 **12**-*526,880* PC **A04**/MF **A01**

**N85-18290/5**
Implicit, Conservative, Zonal-Boundary Scheme for Euler Equation Calculations.
N85-18290/5 **12**-*527,923* PC **A03**/MF **A01**

**N85-18291/3**
Research Applied to Transonic Compressors in Numerical Fluid Mechanics of Inviscid Flow and Viscous Flow.
N85-18291/3 **12**-*528,245* PC **A05**/MF **A01**

**N85-18292/1**
Boundary Layer on Compressor Cascade Blades.
N85-18292/1 **12**-*528,246* PC **A03**/MF **A01**

**N85-18305/1**
Development of Multigrid Algorithms for Problems from Fluid Dynamics.
N85-18305/1 **12**-*527,924* PC **A02**/MF **A01**

**N85-18306/9**
Series Expansion Study of the Navier-Stokes Equations.
N85-18306/9 **12**-*527,925* PC **A05**/MF **A01**

**N85-18307/7**
Developments in Gas Metering Technology.
N85-18307/7 **12**-*527,487* PC **A02**/MF **A01**

**N85-18309/3**
Evaluation of a Deformable Diffraction Grating for a Stigmatic EUV Spectroheliometer.
N85-18309/3 **12**-*527,488* PC **A02**/MF **A01**

**N85-18317/6**
Calibration of Thermocouples Based on Two State Points of Water and Bs 4937; Part 5, 1974.
N85-18317/6 **12**-*527,489* PC **A03**/MF **A01**

**N85-18318/4**
Compact Time-of-Flight Energy Analyzer of High Resolution.
N85-18318/4 **12**-*527,719* PC **A03**/MF **A01**

**N85-18319/2**
Operational Test of a Time-of-Flight Analyzer at the ASDEX Tokamak.
N85-18319/2 **12**-*527,720* PC **A03**/MF **A01**

**N85-18320/0**
Development of the Gascopact (R) Pipe and Cable Tracer.
N85-18320/0 **12**-*527,490* PC **A03**/MF **A01**

**N85-18321/8**
Buckling and Eccentricity Effects on Orifice Metering Accuracy.
N85-18321/8 **12**-*527,491* PC **A02**/MF **A01**

**N85-18322/6**
Simulation in the Design of Gas Pressure Control Equipment.
N85-18322/6 **12**-*527,435* PC **A02**/MF **A01**

**N85-18323/4**
Low Power Microprocessor Based Measurements System for Determining the Integrity of Coatings on Buried Pipelines.
N85-18323/4 **12**-*527,075* PC **A02**/MF **A01**

**N85-18324/2**
Gascopact: A New Approach to Pipe and Cable Location.
N85-18324/2 **12**-*527,492* PC **A02**/MF **A01**

**N85-18325/9**
Experimental Investigation into the Effects of Plate Eccentricity and Elastic Deformation on Orifice Meter Accuracy.
N85-18325/9 **12**-*527,493* PC **A02**/MF **A01**

**N85-18326/7**
Influence of Modern Control Techniques on the Gas Industry.
N85-18326/7 **12**-*527,436* PC **A02**/MF **A01**

**N85-18328/3**
Characterization of CNRS Fizeau Wedge Laser Tuner.
N85-18328/3 **12**-*527,941* PC **A02**/MF **A01**

**N85-18337/4**
Microwave Discharge in a Supersonic Flow for the Excitation of a Gas Dynamic CO Laser.
N85-18337/4 **12**-*527,942* PC **A07**/MF **A01**

**N85-18338/2**
Quantum Noise Effects in Single-Mode Injection Lasers.
N85-18338/2 **12**-*527,943* PC **A02**/MF **A01**

**N85-18347/3**
Defect Tolerance in Pipeline Girth Welds.
N85-18347/3 **12**-*527,380* PC **A02**/MF **A01**

**N85-18375/4**
NASA Lewis Research Center/University Graduate Research Program on Engine Structures.
N85-18375/4 **12**-*528,247* PC **A02**/MF **A01**

**N85-18376/2**
Verification and Application of the Iosipescu Shear Test Method.
N85-18376/2 **12**-*527,087* PC **A06**/MF **A01**

**N85-18428/1**
Principle of Virtual Work and Associated Variational Principles.
N85-18428/1 **12**-*528,073* PC **A04**/MF **A01**

**N85-18429/9**
Hydrogen Induced Cracking in Pipeline Steels.
N85-18429/9 **12**-*527,129* PC **A02**/MF **A01**

**N85-18430/7**
Mechanism of Hydrogen Induced Cracking in Pipeline Steels.
N85-18430/7 **12**-*527,130* PC **A03**/MF **A01**

**N85-18431/5**
Influence of Mechanical Damage on Transmission Pipeline Integrity.
N85-18431/5 **12**-*527,437* PC **A02**/MF **A01**

**N85-18432/3**
Results of an EPRG Round Robin Test Programme with DWTT Specimens.
N85-18432/3 **12**-*527,438* PC **A02**/MF **A01**

**N85-18433/1**
Recent Studies of the Significance of Mechanical Damage in Pipelines.
N85-18433/1 **12**-*527,439* PC **A02**/MF **A01**

**N85-18434/9**
Statistical Aspects of Shear Fracture Propagation.
N85-18434/9 **12**-*527,440* PC **A02**/MF **A01**

**N85-18435/6**
Study of Residual Stresses Introduced into TA6ZrD (685) Cylinders by Quenching.
N85-18435/6 **12**-*527,131* PC **A02**/MF **A01**

**N85-18442/2**
Observation of a Westward Travelling Surge from Satellites at Low, Medium and High Altitudes.
N85-18442/2 **12**-*526,005* PC **A04**/MF **A01**

**N85-18443/0**
Data Report on Variations in the Composition of Sea Ice During Mizex/East'83 with the Nimbus-7 SMMR.
N85-18443/0 **12**-*526,864* PC **A07**/MF **A01**

**N85-18444/8**
Comparative Effects of Auxin and Abscisic Acid on Growth, Hydrogen Ion Efflux and Gravitropism in Primary Roots of Maize.
N85-18444/8 **12**-*526,375* PC **A02**/MF **A01**

**N85-18450/5**
Simultanbestimmungen der Lotabweichungskomponenten xi und eta MIT Dem Prismenastrolabium (Simultaneous Determination of the xi and eta Components of Vertical Deflection with a Prism Astrolabe).
N85-18450/5 **12**-*526,755* PC **A02**/MF **A01**

**N85-18451/3**
Technology for Satellite Power Conversion.
N85-18451/3 **12**-*527,046* PC **A05**/MF **A01**

**N85-18491/9**
Methodology for the Collection and Analysis of Trace Metals in Atmospheric Precipitation.
N85-18491/9 **12**-*526,703* PC **A03**/MF **A01**

**N85-18517/1**
Lyman alpha Coronagraph Research Sounding Rocket Program.
N85-18517/1 **12**-*525,981* PC **A03**/MF **A01**

**N85-18518/9**
Verification of a Model of the Eastern Scheldt.
N85-18518/9 **12**-*526,750* PC **A07**/MF **A01**

**N85-18522/1**
Simultaneous Observations of Electron Spectra in the Auroral Zone and Near the Equatorial Plane by the DMSP-5D-F2 and GEOS-1 Satellites.
N85-18522/1 **12**-*526,006* PC **A02**/MF **A01**

**N85-18523/9**
Pitch Angle Scattering and Particle Precipitation in a Pulsating Aurora: An Experimental Study.
N85-18523/9 **12**-*526,007* PC **A08**/MF **A01**

**N85-18524/7**
Stratospheric Concentration of Nitric Acid, Ozone and Carbonyl Sulfide: Measurement of Nitric Acid Absorption in the Q Branch of the V4 Band as a Function of Temperature.
N85-18524/7 **12**-*526,008* PC **A08**/MF **A01**

**N85-18525/4**
Simulation of Entrainment at the Top of the Atmospheric Boundary Layer for Use in General Circulation Models (GCM).
N85-18525/4 **12**-*526,009* PC **A03**/MF **A01**

**N85-18532/0**
Rationale and Suggested Approaches for Research Geosynchronous Satellite Measurements for Severe Storm and Mesoscale Investigations.
N85-18532/0 **12**-*526,035* PC **A03**/MF **A01**

**N85-18533/8**
Global Scale Diagnoses of FGGE Data.
N85-18533/8 **12**-*526,036* PC **A02**/MF **A01**

**N85-18535/3**
Droughts and Floods in South America Due to the 1982-83 El Nino-Southern Oscillation Episode.
N85-18535/3 **12**-*526,037* PC **A02**/MF **A01**

**N85-18542/9**
Dissemination of ERS-1 Low Bit Rate Data and the Use of L-Band Receiving Stations.
N85-18542/9 **12**-*527,655* PC **A04**/MF **A01**

**N85-18543/7**
Data Catalog for the 1982 DFVLR Observational Foehn Experiment.
N85-18543/7 **12**-*526,038* PC **A07**/MF **A01**

**N85-18544/5**
Combined Effects of Baroclinic and Barotropic Instability in a Nonlinear Low Order Model.
N85-18544/5 **12**-*526,039* PC **A04**/MF **A01**

**N85-18577/5**
Hydrogen-Oxygen (Hydrox) Breathing at 1.3MPA.
N85-18577/5 **12**-*526,536* PC **A06**/MF **A01**

**N85-18579/1**
Color Measurement and Discrimination.
N85-18579/1 **12**-*526,287* PC **A05**/MF **A01**

**N85-18583/3**
Development and Operation of a Real-Time Data Acquisition System for the NASA-Larc Differential Absorption Lidar.
N85-18583/3 **12**-*526,010* PC **A04**/MF **A01**

**N85-18584/1**
DDL System: Design Systhesis of Digital Systems.
N85-18584/1 **12**-*526,930* PC **A06**/MF **A01**

**N85-18590/8**
Raster Graphics Extensions to the Core System.
N85-18590/8 **12**-*526,931* PC **A02**/MF **A01**

**N85-18612/0**
Edv-Programme fuer die Ausgleichung Vermittelender Beobachtungen MIT Bedingungsgleichungen Zwischer den Unbekannten (Computer Programs for the Adjustment of Indirect Observation with Condition Equations Between the Unknowns).
N85-18612/0 **12**-*526,756* PC **A09**/MF **A01**

**N85-18616/1**
Control of Manufacturing Systems for Varying Medium-Batch Production.
N85-18616/1 **12**-*527,410* PC **A02**/MF **A01**

**N85-18618/7**
Material Flow in the Manufacturing System: Fault-Diagnosis Systems as Support for the Maintenance of Highly Automated Manufacturing Systems.
N85-18618/7 **12**-*527,411* PC **A02**/MF **A01**

**N85-18622/9**
System Software for the Finite Element Machine.
N85-18622/9 **12**-*526,932* PC **A03**/MF **A01**

**N85-18626/0**
3-Dimensional Mass Conserving Element for Compressible Flows.
N85-18626/0 **12**-*527,926* PC **A03**/MF **A01**

**N85-18627/8**
Where Are the Parallel Algorithms.
N85-18627/8 **12**-*526,933* PC **A02**/MF **A01**

**N85-18628/6**
Binary Weight Distribution of Some Reed-Solomon Codes.
N85-18628/6 **12**-*526,964* PC **A02**/MF **A01**

**N85-18629/4**
Connection Between Multigrid and Cyclic Reduction.
N85-18629/4 **12**-*527,199* PC **A03**/MF **A01**

**N85-18630/2**
Implementation of Irregular Grid Systems for the Finite Difference Solution of Partial Differential Equations.
N85-18630/2 **12**-*527,200* PC **A03**/MF **A01**

**N85-18642/7**
Boundary Conditions for Artificial Dissipation Operators.
N85-18642/7 **12**-*527,201* PC **A03**/MF **A01**

**N85-18643/5**
Monte Carlo Simulation of Electron Thermalization in Rare Gases.
N85-18643/5 **12**-*526,704* PC **A02**/MF **A01**

**N85-18649/2**
Vector Computer Memory Bank Contention.
N85-18649/2 **12**-*526,934* PC **A02**/MF **A01**

**N85-18651/8**
Chandrasekhar Equations for Infinite Dimensional Systems.
N85-18651/8 **12**-*527,202* PC **A03**/MF **A01**

**N85-18653/4**
Nicolai Maps and Stochastic Observables from a Coupling Constant Flow.
N85-18653/4 **12**-*528,066* PC **A02**/MF **A01**

**N85-18663/3**
Interaction of a Sound Pulse with the Shear Layer of an Axisymmetric Jet. Part 3: Nonlinear Effects.
N85-18663/3 **12**-*527,895* PC **A02**/MF **A01**

**N85-18667/4**
Contribution of the Study of Light Aircraft Propeller Noise.
N85-18667/4 **12**-*525,889* PC **A08**/MF **A01**

**N85-18668/2**
Preliminary Assessment of Environmental Noise from Large Wind Energy Conversion Systems (WECS) Based on Experiences from Swedish Prototypes.
N85-18668/2 **12**-*527,047* PC **A04**/MF **A01**

**N85-18669/0**
Computation of Noise Radiation from a Free Jet Perpendicular to Its Axis Via Laser Anemometry Measurements.
N85-18669/0 **12**-*525,890* PC **A04**/MF **A01**

**N85-18670/8**
Experimental Determination of the 1 sigma(+ ) State Electron-Dipole-Moment Function of Carbon Monoxide Up to a Large Internuclear Separation.
N85-18670/8 **12**-*525,982* PC **A02**/MF **A01**

**N85-18712/8**
Investigations Relating to the Simultaneous Use of Combined Optical Adaptive Techniques (COAT) and Angle-Tracking.
N85-18712/8 **12**-*527,662* PC **A03**/MF **A01**

**N85-18713/6**
Self-Induced Nonlinear Effects in Optical Fibers: A Unified Approach.
N85-18713/6 **12**-*527,956* PC **A02**/MF **A01**

**N85-18714/4**
Reflectivity Measurements of Laser Gyro Mirrors.
N85-18714/4 **12**-*527,957* PC **A03**/MF **A01**

**N85-18716/9**
Diffusion Driven Plasma Current with Turbulent Dynamo.
N85-18716/9 **12**-*528,052* PC **A02**/MF **A01**

**N85-18719/3**
Proceedings on US-Japan Workshop on Tokamak Diagnostics by X-Ray, Vuv and Optical Radiations.
N85-18719/3 **12**-*528,053* PC **A07**/MF **A01**

**N85-18772/2**
Energy Spectra of Slowed-down Neutrals from the Heating Beams in ASDEX.
N85-18772/2 **12**-*528,054* PC **A03**/MF **A01**

**N85-18773/0**
Multihole Couplers for Overmoded Waveguide Systems.
N85-18773/0 **12**-*528,055* PC **A03**/MF **A01**

**N85-18774/8**
Short Mode Selective Directional Couplers.
N85-18774/8 **12**-*528,056* PC **A02**/MF **A01**

**N85-18775/5**
Improved Directional Couplers for Overmoded Waveguide Systems.
N85-18775/5 **12**-*528,057* PC **A02**/MF **A01**

**N85-18776/3**
Vierfluessigkeits-Beschreibung Turbulenter Vorgaenge im Plasmafokus (Four Phase Model for Turbulent Instabilities Calculation in Plasma Jets).
N85-18776/3 **12**-*528,058* PC **A02**/MF **A01**

**N85-18777/1**
Lidar-Thomson Scattering.
N85-18777/1 **12**-*528,059* PC **A08**/MF **A01**

**N85-18778/9**

Four-Fluid Description of Turbulent Plasma Focus Dynamics.
N85-18778/9 **12**-*528,060* PC **A02**/MF **A01**

**N85-18779/7**

Electron Cyclotron Resonance Heating System for the Stellarator W 7-AS.
N85-18779/7 **12**-*527,701* PC **A03**/MF **A01**

**N85-18780/5**

High Power Millimeter-Wave Mode Converters in Overmoded Circular Waveguides Using Periodic Wall Perturbations.
N85-18780/5 **12**-*528,061* PC **A03**/MF **A01**

**N85-18781/3**

Design of Mode Converters from Te Circular Om Modes in Circular Waveguides to Te Rectangular Mo Modes in Rectangular Waveguides for High Power Applications in the Frequency Range 1 to 30 Ghz.
N85-18781/3 **12**-*528,062* PC **A02**/MF **A01**

**N85-18782/1**

Wave Absorption and Transport Studies on Electron Cyclotron Resonance (ECR) Heated Stellarator Plasmas in W 7-A.
N85-18782/1 **12**-*528,063* PC **A02**/MF **A01**

**N85-18783/9**

Two Phases of Neutron Production in the Poseidon Plasma Focus.
N85-18783/9 **12**-*527,702* PC **A02**/MF **A01**

**N85-18791/2**

Semiconductor Superlattice Photodetectors.
N85-18791/2 **12**-*527,663* PC **A02**/MF **A01**

**N85-18812/6**

Si/SiO2 Intrinsic States and Interface Charges. Chapter 1. Origin, Properties, Models, Impact.
N85-18812/6 **12**-*528,098* PC **A08**/MF **A01**

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**N85-19514/7**

Silicon Film Solar Cell Process.
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**N85-19516/2**

Surface and Allied Studies in Silicon Solar Cells.
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**N85-19519/6**

Investigation of Welded Interconnection of Large Area Wraparound Contacted Silicon Solar Cells.
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**N85-19521/2**

Development of High Efficiency Solar Cells on Silicon Web.
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**N85-19523/8**

Process Research on Polycrystalline Silicon Material (PROPSM).
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**N85-19524/6**

Investigation of Accelerated Stress Factors and Failure/Degradation Mechanisms in Terrestrial Solar Cells.
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Stress-Strain Analysis of Silicon Ribbon.
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MOD(Metallo-Organic Decomposition) Silver Metallization for Photovoltaics.
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**N85-19556/8**

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**N85-20117/6**
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Fatigue Crack Growth in Aramid Reinforced Aluminum Laminates (ARALL): Mechanisms and Predictions.
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Study of HTPB-Based SOFRAM Fuels.
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Apparatus for Producing Diamond-Like Carbon Flakes.
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Textured Carbon Surfaces on Copper.
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Seven-Year Thermal-Vacuum Real-Life Test of a Solar Array Drive Mechanism Manufactured by Marconi Space and Defence Systems (Model No. 002).
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**N85-20223/2**
Effect of Interfacial Characteristics of Metal Clad Polymeric Substrates on Electrical High Frequency Interconnection Performance.
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**N85-20224/0**
Experimental Investigation of Microstrip Properties on Soft Substrates from 2 to 40 Ghz.
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**N85-20226/5**
Improved Legislated Emergency Locating Transmitters and Emergency Position Indicating Radio Beacons.
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**N85-20234/9**
Quantization Study for ERS-1 Wave Mode.
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Process Algebra with Asynchronous Communication Mechanisms.
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**N85-20246/3**
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**N85-20247/1**
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**N85-20249/7**
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**N85-20250/5**
Method of Examining Microcircuit Patterns.
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Method and Apparatus for Measuring Minority Carrier Lifetime in a Direct Band-Gap Semiconductor.
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Flow Visualization Study of the Effect of Injection Hole Geometry on an Inclined Jet in Crossflow.
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Flow Through Very Porous Screens.
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Computation of the Inviscid Velocity Potential for General Ellipsoids on a Nearly Quadratic Surface Grid.
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N85-20436/0 **14**-*530,903* PC **A06**/MF **A01**

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Die Diagnoseausgleichung 1980 des Deutschen Hauptdreiecksnetzes. 4: Netzausgleichung (Teil 1) (The 1980 Diagnostic Adjustment of the German Main Triangulation Network. 4: Network Adjustment (Part 1)).
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Una Esperienza di Controllo Qualita di UN Sistema Operativo Real Time Multiprocessor: Mara 860 (A Quality Control Experiment in a Real Time Multiprocessor Operating System: The Mara 860).
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PATENT-4 496 122 **15**-*532,922* Not available NTIS

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Technical Evaluation Report on the Fdp Symposium on Flight Test Techniques.
N85-21157/1 **14**-*530,762* PC **A02**/MF **A01**

**N85-21162/1**
Comparison of the Efficiency of Numerical Methods for Integrating Chemical Kinetic Rate Equations.
N85-21162/1 **14**-*532,742* PC **A02**/MF **A01**

**N85-21163/9**
Stratified Charge Rotary Aircraft Engine Technology Enablement Program.
N85-21163/9 **14**-*532,852* PC **A06**/MF **A01**

**N85-21164/7**
Combustion Research for Gas Turbine Engines.
N85-21164/7 **14**-*532,743* PC **A02**/MF **A01**

**N85-21165/4**
Advanced Stress Analysis Methods Applicable to Turbine Engine Structures.
N85-21165/4 **14**-*532,843* PC **A03**/MF **A01**

**N85-21166/2**
Mechanisms of Flame Holding in the Wake of a Bluff Body.
N85-21166/2 **14**-*532,744* PC **A09**/MF **A01**

**N85-21167/0**
Investigation of Flowfields Found in Typical Combustor Geometries.
N85-21167/0 **14**-*532,844* PC **A09**/MF **A01**

**N85-21168/8**
Combustion Gas Properties. 2: Natural Gas Fuel and Dry Air.
N85-21168/8 **14**-*532,745* PC **A02**/MF **A01**

**N85-21169/6**
Towards a Renewal of the Propeller in Aeronautics.
N85-21169/6 **14**-*530,777* PC **A03**/MF **A01**

**N85-21173/8**
Automatic Control Design Procedures for Restructurable Aircraft Control.
N85-21173/8 **14**-*530,798* PC **A04**/MF **A01**

**N85-21174/6**
Analytical and Flight Investigation of the Influence of Rotor and Other High-Order Dynamics on Helicopter Flight-Control System Bandwidth.
N85-21174/6 **14**-*530,799* PC **A02**/MF **A01**

**N85-21175/3**
Some Aspects of the Design of a Fly-by-Wire Flying Control System for a Supersonic V/STOL Fighter Aircraft.

N85-21175/3 **14**-*530,778* PC **A03**/MF **A01**

**N85-21176/1**
Optimal Symmetric Flight Studies.
N85-21176/1 **14**-*530,800* PC **A11**/MF **A01**

**N85-21178/7**
Continuous Laminar Smoke Generator.
PATENT-4 493 211 **15**-*534,384* Not available NTIS

**N85-21186/0**
Development of the Sonic Pump Levitator.
N85-21186/0 **14**-*532,867* PC **A06**/MF **A01**

**N85-21187/8**
Monodisperse Latex Reactor (MLR): A Materials Processing Space Shuttle Mid-Deck Payload.
N85-21187/8 **14**-*531,899* PC **A02**/MF **A01**

**N85-21188/6**
Orbital Debris.
N85-21188/6 **14**-*532,868* PC **A20**/MF **A01**

**N85-21226/4**
Space Flight of the Soviet-Indian Crew.
N85-21226/4 **14**-*532,869* PC **A02**/MF **A01**

**N85-21227/2**
Preparation of Crystal Growth Experiments in Spacelab: Si (Fsip), Cdte (D1), Zns (D1).
N85-21227/2 **14**-*532,561* PC **A07**/MF **A01**

**N85-21228/0**
Radiation Exposure and Performance of Multiple Burn Leo-Geo Orbit Transfer Trajectories.
N85-21228/0 **14**-*532,894* PC **A02**/MF **A01**

**N85-21229/8**
Drag-Free Satellite Simulator.
N85-21229/8 **14**-*532,877* PC **A02**/MF **A01**

**N85-21231/4**
Advanced Research and Technology Programs for Advanced High Pressure Oxygen-Hydrogen Rocket Propulsion.
N85-21231/4 **14**-*532,857* PC **A02**/MF **A01**

**N85-21232/2**
Natural Environment Design Criteria for the Space Station Definition and Preliminary Design.
N85-21232/2 **14**-*532,878* PC **A02**/MF **A01**

**N85-21233/0**
Engineering Calculations for Communications Satellite Systems Planning.
N85-21233/0 **14**-*532,387* PC **A04**/MF **A01**

**N85-21237/1**
Multimission Advanced Configurations Study.
N85-21237/1 **14**-*532,896* PC **A05**/MF **A01**

**N85-21238/9**
Sounding Rocket Program Aeronomie: The Payload M-I in the Project MAP-Wine.
N85-21238/9 **14**-*530,910* PC **A05**/MF **A01**

**N85-21239/7**
Attitude Data Consistence Check of Rocket Payloads.
N85-21239/7 **14**-*530,911* PC **A03**/MF **A01**

**N85-21240/5**
STS Atmospheric Luminosities.
N85-21240/5 **14**-*532,870* PC **A02**/MF **A01**

**N85-21241/3**
Space Shuttle Booster Thrust Imbalance Analysis.
N85-21241/3 **14**-*532,861* PC **A03**/MF **A01**

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Study of Outgassing and Decomposition of Space Shuttle Heat Protection Tiles, Fillers and Adhesive.
N85-21242/1 **14**-*532,879* PC **A03**/MF **A01**

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Air-Breathing Ballistic Space Transporter for Europe.
N85-21244/7 **14**-*532,880* PC **A02**/MF **A01**

**N85-21245/4**
Impacts of Space Shuttle Thermal Protection System Tile on F-15 Aircraft Vertical Tile.
N85-21245/4 **14**-*532,881* PC **A02**/MF **A01**

**N85-21246/2**
Wind-Weighting for Sounding Rockets with a Telemetry System.
N85-21246/2 **14**-*530,935* PC **A02**/MF **A01**

**N85-21248/8**
Nasa/Msfc Ground Experiment for Large Space Structure Control Verification.
N85-21248/8 **14**-*532,882* PC **A02**/MF **A01**

**N85-21249/6**
Definition of Ground Test for Large Space Structure (LSS) Control Verification.
N85-21249/6 **14**-*532,897* PC **A03**/MF **A01**

**N85-21250/4**
Mass Analysis of Neutral Particles and Ions Released During Electrical Breakdowns on Spacecraft Surfaces.
N85-21250/4 **14**-*531,900* PC **A03**/MF **A01**

**N85-21251/2**
Space Station.
N85-21251/2 **14**-*532,883* PC **A03**/MF **A01**

**N85-21254/6**
Application of Model Following Control and Estimation Techniques to Attitude Control of Maneuvering Spacecraft. Part 2: Simulation Software Description.
N85-21254/6 **14**-*532,884* PC **A03**/MF **A01**

**N85-21255/3**
Development of Faraday Cup Onboard Ms-T5 for Solar Wind Measurements.
N85-21255/3 **14**-*532,885* PC **A03**/MF **A01**

**N85-21256/1**
Ring-Cusp Ion Thruster with Shell Anode.
PATENT-4 466 242 **15**-*535,147* Not available NTIS

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Rail Accelerator Technology and Applications.
N85-21258/7 **14**-*532,267* PC **A02**/MF **A01**

**N85-21259/5**
Vacuum Chamber Pressure Effects on Thrust Measurements of Low Reynolds Number Nozzles.
N85-21259/5 **14**-*532,858* PC **A02**/MF **A01**

**N85-21260/3**
Compatibility Experiments of Facilities, Materials, and Propellants for Electrothermal Thrusters.
N85-21260/3 **14**-*532,859* PC **A02**/MF **A01**

**N85-21261/1**
Gaas and 3-5 Compound Solar Cells Status and Prospects for Use in Space.
N85-21261/1 **14**-*531,801* PC **A02**/MF **A01**

**N85-21262/9**
Design Study of an Integrated Aerobraking Orbital Transfer Vehicle.
N85-21262/9 **14**-*532,886* PC **A03**/MF **A01**

**N85-21263/7**
High-Voltage, High-Power, Solid-State Remote Power Controllers for Aerospace Applications.
N85-21263/7 **14**-*531,717* PC **A03**/MF **A01**

**N85-21264/5**
Computer Simulation of Thin Film Nucleation and Growth: The Volmer-Weber Case.
N85-21264/5 **14**-*532,562* PC **A02**/MF **A01**

**N85-21266/0**
Thermal Barrier Coating System.
PATENT-4 485 151 **15**-*533,990* Not available NTIS

**N85-21267/8**
Diamondlike Flakes.
PATENT-4 495 044 **15**-*533,991* Not available NTIS

**N85-21268/6**
Composite Structural Materials.
N85-21268/6 **14**-*530,779* PC **A08**/MF **A01**

**N85-21269/4**
Quantitative Non-Destructive Evaluation of Damage in Composite Materials Using Transmitted and Reflected Ultrasound.
N85-21269/4 **14**-*531,843* PC **A03**/MF **A01**

**N85-21270/2**
Characterization of Mode 1 and Mixed-Mode Failure of Adhesive Bonds Between Composite Adherends.
N85-21270/2 **14**-*531,844* PC **A03**/MF **A01**

**N85-21271/0**
Accelerated Viscoelastic Characterization of T300-5208 Graphite-Epoxy Laminates.
N85-21271/0 **14**-*531,845* PC **A11**/MF **A01**

**N85-21272/8**
Numerical Study of Large-Eddy Breakup and Its Effect on the Drag Characteristics of Boundary Layers.
N85-21272/8 **14**-*532,584* PC **A05**/MF **A01**

**N85-21273/6**
Nonlinear Analysis for High-Temperature Multilayered Fiber Composite Structures.
N85-21273/6 **14**-*531,846* PC **A06**/MF **A01**

**N85-21279/3**
Method and Apparatus for Mapping the Distribution of Chemical Elements in an Extended Medium.
PATENT-4 483 817 **15**-*534,381* Not available NTIS

**N85-21280/1**
Process for Producing Tris (N-Methylamino) Methylsilane.
PATENT-4 474 975 **15**-*533,584* Not available NTIS

**N85-21282/7**
Coupling of an Anchored Flame with an Acoustic Field.
N85-21282/7 **14**-*532,746* PC **A02**/MF **A01**

**N85-21283/5**
Behavior of the Lean Methane-Air Flame at Zero-Gravity.
N85-21283/5 **14**-*532,747* PC **A03**/MF **A01**

**N85-21320/5**
Effect of Reduction of Strategic Columbium Addition in 718 Alloy on the Structure and Properties.
N85-21320/5 **14**-*531,874* PC **A09**/MF **A01**

**N85-21321/3**
Digital Temperature and Velocity Control of Mach 0.3 Atmospheric Pressure Durability Testing Burner Rigs in Long Time, Unattended Cyclic Testing.
N85-21321/3 **14**-*531,995* PC **A03**/MF **A01**

**N85-21322/1**
Alloys Based on Nial for High Temperature Applications.
N85-21322/1 **14**-*531,875* PC **A02**/MF **A01**

**N85-21323/9**
Effects of Chromium and Aluminum on Mechanical and Oxidation Properties of Iron-Nickel-Base Superalloys Based on cg-27.
N85-21323/9 **14**-*531,876* PC **A03**/MF **A01**

**N85-21324/7**
Ion-Beam Nitriding of Steels.
PAT-APPL-6-661 481 **15**-*534,259* PC **A02**/MF **A01**

**N85-21325/4**
Process to Produce Fine Line Metallic Collection Patterns on Semiconductors Devices.
PAT-APPL-6-648 185 **15**-*534,039* PC **A02**/MF **A01**

**N85-21341/1**
Comparaison de la Resistance a la Fatigue (Initiation-Propagation) du Ta6v de Fonderie Avec le Ta6v Corroye, Essais 17.216, Compte Rendu d'Essai, Premiere Partie (Comparison of the Fatigue Resistance (Initiation, Propagation) of Cast Ta6v with Hot Rolled Ta6v).
N85-21341/1 **14**-*531,877* PC **A04**/MF **A01**

**N85-21342/9**
High Strength Steel Sheet with Dual Phase Structure.
N85-21342/9 **14**-*531,878* PC **A05**/MF **A01**

**N85-21343/7**
Carbon Filter Plates for Aluminum Filtration at Casting.
N85-21343/7 **14**-*531,879* PC **A03**/MF **A01**

**N85-21344/5**
Investigation of the Development Possibilities of a Ferritic Creep and Oxidation-Resistant Steel for Application under Creep Conditions Above 650 Deg C.
N85-21344/5 **14**-*531,880* PC **A06**/MF **A01**

**N85-21345/2**
Nondestructive Testing of Stainless Steel to Improve Quality and Output Efficiency of the Processing of Ingot and Continuous Casting.
N85-21345/2 **14**-*531,881* PC **A05**/MF **A01**

**N85-21347/8**
Phosphorus-Containing Imide Resins.
PATENT-4 496 701 **15**-*533,474* Not available NTIS

**N85-21348/6**
Phthalocyanine Polymers.
PATENT-4 499 260 **15**-*533,479* Not available NTIS

**N85-21349/4**
Elastomer Toughened Polyimide Adhesives.
PATENT-4 497 935 **15**-*533,972* Not available NTIS

**N85-21350/2**
Chemical Approach for Controlling Nadimide Cure Temperature and Rate with Maleimide.
PATENT-4 497 948 **15**-*533,477* Not available NTIS

**N85-21351/0**
Chemical Approach for Controlling Nadimide Cure Temperature and Rate with Maleimide.
PATENT-4 497 939 **15**-*533,475* Not available NTIS

**N85-21352/8**
Chemical Approach for Controlling Nadimide Cure Temperature and Rate.
PATENT-4 497 940 **15**-*533,476* Not available NTIS

**N85-21355/1**
Tribological Properties of Boron Nitride Synthesized by Ion Beam Deposition.
N85-21355/1 **14**-*531,443* PC **A02**/MF **A01**

**N85-21356/9**
Parametric Evaluation of Ball Milling of SIC in Water.
N85-21356/9 **14**-*532,189* PC **A02**/MF **A01**

**N85-21357/7**
Characterization of Lubricated Bearing Surfaces Operated under High Loads.
N85-21357/7 **14**-*531,892* PC **A02**/MF **A01**

**N85-21358/5**
Oxidation and Hot Corrosion of Hot-Pressed SI3N4 at 1000 Deg C.
N85-21358/5 **14**-*531,829* PC **A02**/MF **A01**

**N85-21359/3**
Humidity Effects on Adhesion of Nickel-Zinc Ferrite in Elastic Contact with Magnetic Tape and Itself.
N85-21359/3 **14**-*531,882* PC **A02**/MF **A01**

**N85-21360/1**
Process for Preparing Highly Optically Transparent-Colorless Armomatic Polyimide Film.
PAT-APPL-6-643 589 **15**-*533,989* PC **A02**/MF **A01**

**N85-21361/9**
Metal (11) 4,4',4'.4''-Phthalocyanine Tetraamines as Curing Agents for Epoxy Resins.
PAT-APPL-6-598 777 **15**-*534,060* PC **A02**/MF **A01**

**N85-21362/7**
Fire Resistant Polymers Based on 1-(Diorgano Oxyphosphonyl)Methyl-2,4- and 2,6-Diamino Benzenes.
PAT-APPL-6-641 153 **15**-*534,062* PC **A02**/MF **A01**

**N85-21363/5**
Fire-Resistant Phosphorus Containing Compounds, Polyimides and Copolyimides.

PAT-APPL-6-641 143 **15**-*533,472* PC **A02**/MF **A01**

**N85-21364/3**
Fire and Heat Resistant Laminating Resins Based on Maleimido and Citraconimido Substituted 1-(Diorgano Oxyphosphonyl)Methyl-2,4- and 2,6-Diaminobenzenes.
PAT-APPL-6-641 147 **15**-*534,061* PC **A03**/MF **A01**

**N85-21380/9**
Polymer Intermediates from Limonene (Follow-Up Project).
N85-21380/9 **14**-*531,901* PC **A02**/MF **A01**

**N85-21397/3**
O Use Do Hidrazine COMO Fonte Alternativa de Energia (The Use of Hydrazine as an Alternate Source of Energy).
N85-21397/3 **14**-*532,822* PC **A02**/MF **A01**

**N85-21406/2**
Slip Casting and Nitridation of Silicon Powder.
N85-21406/2 **14**-*532,190* PC **A02**/MF **A01**

**N85-21407/0**
Improved Silicon Grinding Method and Apparatus.
PAT-APPL-6-676 163 **15**-*534,260* PC **A02**/MF **A01**

**N85-21411/2**
Theoretical and Experimental Investigations of Dust Loaded Flow Fields in Industrial Halls.
N85-21411/2 **14**-*531,330* PC **A07**/MF **A01**

**N85-21427/8**
Television Camera Video Level Control System.
PATENT-4 495 520 **15**-*534,495* Not available NTIS

**N85-21428/6**
Multicomputer Communication System.
PATENT-4 493 021 **15**-*534,494* Not available NTIS

**N85-21438/5**
Numerical Methods for Analyzing Electromagnetic Scattering.
N85-21438/5 **14**-*532,734* PC **A04**/MF **A01**

**N85-21439/3**
60 Ghz Antenna System Analyses for Intersatellite Links, Phase A.
N85-21439/3 **14**-*531,718* PC **A07**/MF **A01**

**N85-21441/9**
Double Reference Pulsed Phase Locked Loop (Drp-2L-2).
PAT-APPL-6-709 257 **15**-*533,857* PC **A02**/MF **A01**

**N85-21484/9**
Electromagnetic Pulse (EMP) Injection on Cable Entries, Type Era; EMP Memo No. 10.
N85-21484/9 **14**-*531,643* PC **A02**/MF **A01**

**N85-21485/6**
Prospective Investigations with Dfvlr Radar of Possible Relevance in the Assessment of Radio Interference Due to Scattering from Precipitations.
N85-21485/6 **14**-*530,936* PC **A04**/MF **A01**

**N85-21491/4**
Hollow Cathode Apparatus.
PATENT-4 475 063 **15**-*534,380* Not available NTIS

**N85-21492/2**
Inelastic Tunnel Diodes.
PATENT-4 482 779 **15**-*533,784* Not available NTIS

**N85-21493/0**
Method and Apparatus for Self-Calibration and Phasing of Array Antenna.
PATENT-4 488 155 **15**-*533,875* Not available NTIS

**N85-21527/5**
Distributed Gunn Effect Devices; A Numerical Analysis of Microstrip Circuits on Thin Active GaAs Substrates.
N85-21527/5 **14**-*531,644* PC **A03**/MF **A01**

**N85-21568/9**
Heat Pipe Cooled Probe.
PATENT-4 485 670 **15**-*534,382* Not available NTIS

**N85-21569/7**
Analysis of Experimental Shaft Seal Data for High-Performance Turbomachines, as for Space Shuttle Main Engines.
N85-21569/7 **14**-*532,887* PC **A02**/MF **A01**

**N85-21570/5**
Liquid Fuel Spray Processes in High-Pressure Gas Flow.
N85-21570/5 **14**-*532,748* PC **A02**/MF **A01**

**N85-21571/3**
Modeling of Transient Heat Pipe Operation.
N85-21571/3 **14**-*531,996* PC **A03**/MF **A01**

**N85-21572/1**
Application of Large Eddy Interaction Model to Channel Flow.
N85-21572/1 **14**-*532,585* PC **A03**/MF **A01**

**N85-21573/9**
Surface-Slip Equations for Multicomponent Nonequilibrium Air Flow.
N85-21573/9 **14**-*532,586* PC **A05**/MF **A01**

**N85-21574/7**
Nested Subcritical Flows within Supercritical Systems.
N85-21574/7 **14**-*531,769* PC **A02**/MF **A01**

**N85-21575/4**
Three-Dimensional Spectral Algorithm for Simulations of Transition and Turbulence.
N85-21575/4 **14**-*532,587* PC **A03**/MF **A01**

**N85-21577/0**
Pseudo-Stationary Oblique-Shock-Wave Reflections in a Polyatomic Gas, Sulfur Hexafluoride.
N85-21577/0 **14**-*532,588* PC **A09**/MF **A01**

**N85-21578/8**
Experimental Study of Spray Thruster.
N85-21578/8 **14**-*532,860* PC **A04**/MF **A01**

**N85-21593/7**
Robust Calculation of Three-Dimensional Transonic Potential Flow Based on the Nonlinear Gas Multigrid Method and a Mixed Incomplete Lower Upper Decomposition/Strongly Implicit Procedure (Ilu/Sip) Algorithm.
N85-21593/7 **14**-*532,589* PC **A02**/MF **A01**

**N85-21595/2**
Self-Charging Metering and Dispensing Device for Fluids.
PATENT-4 488 663 **15**-*535,302* Not available NTIS

**N85-21596/0**
State-of-Charge Coulometer.
PATENT-4 499 424 **15**-*534,388* Not available NTIS

**N85-21597/8**
Carbon Granule Probe Microphone for Leak Detection.
PATENT-4 498 333 **15**-*534,387* Not available NTIS

**N85-21598/6**
Thin Film Strain Transducer.
PATENT-4 498 231 **15**-*534,386* Not available NTIS

**N85-21604/2**
Research Study of Droplet Sizing Technology Leading to the Development of an Advanced Droplet Sizing System.
N85-21604/2 **14**-*532,268* PC **A05**/MF **A01**

**N85-21605/9**
Evaluation Results of the 700 Deg C Chinese Strain Gauges.
N85-21605/9 **14**-*532,845* PC **A02**/MF **A01**

**N85-21606/7**
Response Time Correlations for Platinum Resistance Thermometers in Flowing Fluids.
N85-21606/7 **14**-*532,269* PC **A04**/MF **A01**

**N85-21609/1**
Gsfc Specification Electronic Data Processing Magnetic Recording Tape.
N85-21609/1 **14**-*531,685* PC **A04**/MF **A01**

**N85-21610/9**
Two-Axis, Self-Nulling Skin Friction Balance.
PAT-APPL-6-706 681 **15**-*534,379* PC **A02**/MF **A01**

**N85-21611/7**
Characteristics of the Boat Inductor for Keeping Liquid Metal in the Suspended State.
N85-21611/7 **14**-*531,645* PC **A02**/MF **A01**

**N85-21631/5**
Portable Remote Laser Sensor for Methane Leak Detection.
PATENT-4 489 239 **15**-*534,383* Not available NTIS

**N85-21639/8**
Method of and Apparatus for Measuring Temperature and Pressure.
PATENT-4 493 553 **15**-*534,385* Not available NTIS

**N85-21648/9**
Entwicklung von Miniatur-Laser-Doppler-Anemometern (Development of Miniature Laser Doppler Anemometers).
N85-21648/9 **14**-*530,937* PC **A04**/MF **A01**

**N85-21649/7**
Connection System.
PATENT-4 483 639 **15**-*534,239* Not available NTIS

**N85-21650/5**
Ingot Slicing Machine and Method.
PATENT-4 475 527 **15**-*534,268* Not available NTIS

**N85-21651/3**
Reusable Thermal Cycling Clamp.
PATENT-4 491 427 **15**-*534,240* Not available NTIS

**N85-21652/1**
Apparatus and Method to Keep the Walls of a Free-Space Reactor Free from Deposits of Solid Materials.
PATENT-4 500 492 **15**-*534,068* Not available NTIS

**N85-21657/0**
Tribological Systems as Applied to Aircraft Engines.
N85-21657/0 **14**-*532,846* PC **A02**/MF **A01**

**N85-21658/8**
Lubrication and Performance of High-Speed Rolling-Element Bearings.
N85-21658/8 **14**-*532,847* PC **A02**/MF **A01**

**N85-21659/6**
Applications of Tethers in Space.
N85-21659/6 **14**-*532,871* PC **A04**/MF **A01**

**N85-21660/4**
Deformation Analysis of Flat Flexible Gear and Its Equation of Original Curved Surfaces.
N85-21660/4 **14**-*532,201* PC **A02**/MF **A01**

**N85-21661/2**
Nasa Welding Assessment Program.
N85-21661/2 **14**-*532,888* PC **A03**/MF **A01**

**N85-21662/0**
Arc-Driven Rail Gun Research.
N85-21662/0 **14**-*532,270* PC **A04**/MF **A01**

**N85-21672/9**
New Application Possibilities for Clad Steel by Reducing Surface Treatment Expenditure and by Using Improved Welding Technology.
N85-21672/9 **14**-*532,191* PC **A03**/MF **A01**

**N85-21673/7**
Application of Homomorphic Signal Processing to Stress Wave Factor Analysis.
N85-21673/7 **14**-*532,271* PC **A03**/MF **A01**

**N85-21674/5**
Radiographic Detectability Limits for Seeded Voids in Sintered Silicon Carbide and Silicon Nitride.
N85-21674/5 **14**-*531,830* PC **A02**/MF **A01**

**N85-21675/2**
Test Results from a Comparative Evaluation of a Condensation Nuclei Fire Detector.
N85-21675/2 **14**-*532,223* PC **A04**/MF **A01**

**N85-21682/8**
Automaatiojaerjestelmien Kaeyttoevarmuusanalyssi (Reliability Analysis of Automatic Systems).
N85-21682/8 **14**-*532,295* PC **A04**/MF **A01**

**N85-21684/4**
Symmetric Primal-Dual Variational Formulations of Coupled Dynamic Systems: Three-Dimensional Elasticity, Shells, Fluid-Structure Interaction.
N85-21684/4 **14**-*532,693* PC **A02**/MF **A01**

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N85-22378/2 **15**-*532,919* PC **A16**/MF **A01**

**N85-22379/0**

Two Degree-of-Freedom Flutter Solution for a Personal Computer.
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**N85-22380/8**

Description of the Langley Wireframe Geometry Standard (LAWGS) Format.
N85-22380/8 **15**-*534,433* PC **A03**/MF **A01**

**N85-22381/6**

Approach for Service Life Extension of Explosive Devices for Aircraft Escape Systems.
N85-22381/6 **15**-*532,920* PC **A02**/MF **A01**

**N85-22382/4**

Simple Theoretical Models for Composite Rotor Blades.
N85-22382/4 **15**-*532,921* PC **A03**/MF **A01**

**N85-22387/3**

Analysis of Estimation Algorithms for CDTI and CAS Applications.
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**N85-22390/7**

Deflected Jet Experiments in a Turbulent Combustor Flowfield.
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**N85-22391/5**

Structural Response of a Rotating Bladed Disk to Rotor Whirl.
N85-22391/5 **15**-*535,247* PC **A07**/MF **A01**

**N85-22392/3**

Dilution Jet Configurations in a Reverse Flow Combustor.
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**N85-22393/1**

Large Amplitude Forcing of a High Speed 2-Dimensional Jet.
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**N85-22394/9**

Effects of Inlet Distortion on a Static Pressure Probe Mounted on the Engine Hub in an F-15 Airplane.
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**N85-22395/6**

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**N85-22398/0**

Model Reduction for Control System Design.
N85-22398/0 **15**-*534,104* PC **A14**/MF **A01**

**N85-22400/4**

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**N85-22401/2**

Cryogenic Wind Tunnels: A Selected Annotated Bibliography.
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**N85-22463/2**

Selected Tether Applications in Space: Phase 2.
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**N85-22464/0**

Report on Final Recommendations for IMPS Engineering-Science Payload.
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**N85-22465/7**

Vibroacoustic Study of the NASA Goddard Space Flight Center OSS-1 Payload.
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**N85-22466/5**

Results of Aeroheating Dfi and et Design-Data Test on a 0.0175-Scale Model 60-Ots Conducted in the von Karman Gas Dynamics Facility (VKF) 40' Supersonic and the 50' Hypersonic Wind Tunnels A and C.

N85-22466/5 **15**-*535,295* PC **A08**/MF **A01**

**N85-22467/3**

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N85-22467/3 **15**-*535,296* PC **A06**/MF **A01**

**N85-22468/1**

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**N85-22525/8**

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**N85-22639/7**

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**N85-22644/7**

Formation of High Molecular Weight Products from Benzene During Boundary Lubrication.

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**N85-22645/4**

Recent Trends in Particle Size Analysis Techniques.

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**N85-22646/2**

Influence of Fuel Molecular Composition Upon Flame-Tube Temperature and Flame Radiation in a Model Gas-Turbine Primary Zone.

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**N85-22660/3**

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**N85-22662/9**

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**N85-22664/5**

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N85-22665/2 **15**-*535,121* PC **A14**/MF **A01**

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**N85-22756/9**

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**N85-22854/2**

Firefighters' Communication Transceiver Test Plan.

N85-22854/2 **15**-*534,493* PC **A04**/MF **A01**

**N85-22855/9**

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**N85-22860/9**

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Periodic Binary Sequence Generators: VLSI Circuits Considerations.

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**N85-23056/3**

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N85-23056/3 **15**-*535,143* PC **A03**/MF **A01**

**N85-23057/1**

HPFTP Flow Diverter Analysis.

N85-23057/1 **15**-*535,300* PC **A02**/MF **A01**

**N85-23067/0**

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N85-23067/0 **15**-*533,783* PC **A02**/MF **A01**

**N85-23068/8**

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**N85-23085/2**

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**N85-23096/9**

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N85-23096/9 **15**-*535,089* PC **A02**/MF **A01**

**N85-23097/7**

Elasticity Solution of an Adhesively Bonded Joint.

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**N85-23098/5**

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N85-23098/5 **15**-*535,090* PC **A03**/MF **A01**

**N85-23099/3**

Stress Intensity Factor in a Tapered Specimen.

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**N85-23101/7**

Fracture Mechanics Evaluation of GaAs.

N85-23101/7 **15**-*535,122* PC **A04**/MF **A01**

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**N85-23106/6**

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**N85-23238/7**

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**N85-23305/4**

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**N85-23317/9**

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**N85-23318/7**

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N85-23321/1 **15**-*533,836* PC **A02**/MF **A01**

**N85-23337/7**

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Analysis of a Dynamic Project Cost Problem.

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N85-23457/3 **15**-*532,970* PC **A09**/MF **A01**

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**N85-23461/5**
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N85-23685/9 **17**-*537,183* PC **A03**/MF **A01**

**N85-23701/4**
Oscillating Airfoils and Their Wake.
N85-23701/4 **17**-*537,000* PC **A02**/MF **A01**

**N85-23702/2**
F-14A Aircraft High-Speed Flow Simulations.
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**N85-23703/0**
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N85-23703/0 **17**-*537,002* PC **A03**/MF **A01**

**N85-23704/8**
Estimating Unsteady Aerodynamic Forces on a Cascade in a Three-Dimensional Turbulence Field.
N85-23704/8 **17**-*537,003* PC **A03**/MF **A01**

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Bifurcation Theory Applied to Aircraft Motions.
N85-23705/5 **17**-*537,004* PC **A02**/MF **A01**

**N85-23706/3**
Hover Test Results of a Small-Scale Twin-Tilt Nacelle Model.
N85-23706/3 **17**-*537,005* PC **A03**/MF **A01**

**N85-23707/1**
Calibration of Sonic Valves for the Laminar Flow Control, Leading-Edge Flight Test.
N85-23707/1 **17**-*539,300* PC **A04**/MF **A01**

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**N85-23709/7**
Computations of Two-Dimensional Airfoil-Vortex Interactions.
N85-23709/7 **17**-*537,007* PC **A05**/MF **A01**

**N85-23710/5**
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N85-23710/5 **17**-*537,008* PC **A02**/MF **A01**

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N85-23712/1 **17**-*537,009* PC **A07**/MF **A01**

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**N85-23728/7**
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**N85-23751/9**
Design Considerations for High-Altitude, Long-Endurance, Microwave-Powered Aircraft.
N85-23751/9 **17**-*537,023* PC **A07**/MF **A01**

**N85-23752/7**
Research Program in Active Control/Aeroelasticity.
N85-23752/7 **17**-*537,033* PC **A02**/MF **A01**

**N85-23753/5**
Relative Control Effectiveness Technique with Application to Airplane Control Coordination.
N85-23753/5 **17**-*537,034* PC **A02**/MF **A01**

**N85-23754/3**
Simulation of Aircraft Behaviour on and Close to the Ground.
N85-23754/3 **17**-*537,024* PC **A04**/MF **A01**

**N85-23755/0**
Operation and Maintenance Requirements of the Army Remotely Piloted Vehicle (RPV).
N85-23755/0 **17**-*537,025* PC **A10**/MF **A01**

**N85-23756/8**
Application of the HARDMAN Methodology to the Single Channel Ground-Airborne Radio System (SINCGARS).
N85-23756/8 **17**-*538,786* PC **A14**/MF **A01**

**N85-23757/6**
Impact Studies of a 1/3-Scale Model of an Air Cushion Vehicle.
N85-23757/6 **17**-*537,026* PC **A02**/MF **A01**

**N85-23763/4**
Planeur Nimbus 3-24.5. Resultats d'Ereuves Restreintes de Certification pour Import en Categorie U (Glider Nimbus 3-24.5. Partial Certification Test Results for Importation in the U Category).
N85-23763/4 **17**-*537,027* PC **A03**/MF **A01**

**N85-23797/2**
Remote Control of an Impact Demonstration Vehicle.
N85-23797/2 **17**-*537,035* PC **A02**/MF **A01**

**N85-23800/4**
Design of Multivariable Feedback Control Systems Via Spectral Assignment Using Reduced-Order Models and Reduced-Order Observers.
N85-23800/4 **17**-*538,325* PC **A07**/MF **A01**

**N85-23801/2**
Total Energy-Rate Feedback for Automatic Glide-Slope Tracking During Wind-Shear Penetration.
N85-23801/2 **17**-*537,015* PC **A04**/MF **A01**

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**N85-23804/6**
Technology for Pressure-Instrumented Thin Airfoil Models, Phase 1.
N85-23804/6 **17**-*538,706* PC **A04**/MF **A01**

**N85-23805/3**
Qualification of the T2 Wind Tunnel in Cryogenic Operation. A: Thermal Field, Preliminary Study of a Schematic Model.
N85-23805/3 **17**-*538,707* PC **A06**/MF **A01**

**N85-23806/1**
Qualification of the T2 Wind Tunnel in Cryogenic Operation. B: Flow Fluctuations, Particle Detection and Qualification.
N85-23806/1 **17**-*538,708* PC **A05**/MF **A01**

**N85-23807/9**
JESS Facility Modification and Environmental/Power Plans.
N85-23807/9 **17**-*538,709* PC **A03**/MF **A01**

**N85-23808/7**
Preliminary Investigation of the Dynamic Force-Calibration of a Magnetic Suspension and Balance System.
N85-23808/7 **17**-*538,710* PC **A02**/MF **A01**

**N85-23811/1**
Material Research in Microgravity.
N85-23811/1 **17**-*539,278* PC **A03**/MF **A01**

**N85-23813/7**
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**N85-23840/0**
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N85-23840/0 **17**-*538,011* PC **A21**/MF **A01**

**N85-23868/1**
Damping Models for Flexible Communications Satellites by Substructural Damping Synthesis.
N85-23868/1 **17**-*539,633* PC **A04**/MF **A01**

**N85-23869/9**
Data Collection and Platform Location by Satellite: Argos Users' Conference.
N85-23869/9 **17**-*537,798* PC **A07**/MF **A01**

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**N85-23896/2**
Shuttle Payload Bay Dynamic Environments: Summary and Conclusion Report for STS Flights 1-5 and 9.
N85-23896/2 **17**-*539,634* PC **A08**/MF **A01**

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**N85-23898/8**
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**N85-23903/6**
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N85-23903/6 **17**-*538,326* PC **A03**/MF **A01**

**N85-23904/4**
Linearization of Digital Derived Rate Algorithm for Use in Linear Stability Analysis.
N85-23904/4 **17**-*539,643* PC **A02**/MF **A01**

**N85-23924/2**
Alternate Nozzle Ablative Materials Program.
N85-23924/2 **17**-*539,628* PC **A10**/MF **A01**

**N85-23925/9**
Some Observations of Heated Gallium Arsenide Heteroface Solar Cells.
N85-23925/9 **17**-*538,154* PC **A04**/MF **A01**

**N85-23926/7**
Fabrication of Ceramic Substrate-Reinforced and Free Forms.
N85-23926/7 **17**-*538,194* PC **A03**/MF **A01**

**N85-23931/7**
Measurement of Damping of Graphite Epoxy Materials.
N85-23931/7 **17**-*538,209* PC **A02**/MF **A01**

**N85-23932/5**
Some Features of the Fabrication of Multilayer Fiber Composites by Explosive Welding.
N85-23932/5 **17**-*538,210* PC **A02**/MF **A01**

**N85-23937/4**
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N85-23937/4 **17**-*537,612* PC **A02**/MF **A01**

**N85-23939/0**
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N85-23939/0 **17**-*537,696* PC **A05**/MF **A01**

**N85-23941/6**
Applications of High Pressure Differential Scanning Calorimetry to Aviation Fuel Thermal Stability Research.
N85-23941/6 **17**-*539,601* PC **A02**/MF **A01**

**N85-23965/5**
Diesel Combustion: Advances in Analysis and Simulation.
N85-23965/5 **17**-*539,624* PC **A02**/MF **A01**

**N85-23966/3**
Die Detonation von Brennstoffaerosolen und Daempfen Unter Kontrollierten Bedingungen. Teil 1: Aufbau Einer Versuchsanlage (The Detonation of Aerosols and Vapors of Combustible Substances under Controlled Conditions. Part 1. Construction of a Test Installation).
N85-23966/3 **17**-*538,711* PC **A04**/MF **A01**

**N85-23998/6**
Development of Acceptance Criteria for Batches of Silane Primer for External Tank Thermal Protection System Bonding Applications.
N85-23998/6 **17**-*537,697* PC **A03**/MF **A01**

**N85-23999/4**
Sintered Silicon Carbide Molded Body and Method for Its Production.
N85-23999/4 **17**-*538,617* PC **A03**/MF **A01**

**N85-24000/0**
Environmental Effects on the Tensile Strength of Chemically Vapor Deposited Silicon Carbide Fibers.
N85-24000/0 **17**-*538,217* PC **A03**/MF **A01**

**N85-24017/4**
Piezoelektrische Kunststoffe (Piezoelectric Plastics).
N85-24017/4 **17**-*538,299* PC **A04**/MF **A01**

**N85-24018/2**
Diffusion of Water Vapor in Carbon Fiber Reinforced Plastics (CFRP). Measurement of the Diffusion Coefficient under Influence of Concentration.
N85-24018/2 **17**-*538,300* PC **A04**/MF **A01**

**N85-24024/0**
Model of Normal and Erosive Burning of Composite Propellants.
N85-24024/0 **17**-*539,235* PC **A07**/MF **A01**

**N85-24025/7**
Etude de la Combustion d'Une Poudre Propulsive a Base de Nitramine Jusqu'a des Pressions de 1500 Mpa et Comparaison de Ses Performances Avec Celle de Poudres Propulsives Classiques (Study on the Combustion of Nitramine Propulsion Powder Up to 1500 Mpa and Comparison of the Performance with That of Classical Propulsion Powders).
N85-24025/7 **17**-*539,236* PC **A02**/MF **A01**

**N85-24026/5**
Eine Zweistufenbombe Zur Messung der Entflammbarkeit von Treibladungspulvern (A Two-Step Bomb to Determine the Inflammability of Propellant Charge Powders).
N85-24026/5 **17**-*539,237* PC **A02**/MF **A01**

**N85-24027/3**
Komponenten der Verbrennungsgase von Treibladungspulvern Nach Umsetzung in der Hochdruckbombe im Druckbereich Bis 1000 Mpa. Teil 1: Nitroglycerinpulver Gb PA 125 (Components of the Combustion Gases of Propellant Charge Powders after Reaction in the High Pressure Bomb in the Pressure Range Up to 1000 Mpa. Part 1: Nitroglycerine Powder Gb PA 125).
N85-24027/3 **17**-*539,238* PC **A02**/MF **A01**

**N85-24028/1**
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N85-24028/1 **17**-*539,242* PC **A02**/MF **A01**

**N85-24033/1**
Analysis and Design of Hydraulic Servo Systems within the Scope of the Improvement of a Fatigue Testing Installation of the Royal Dutch Army.
N85-24033/1 **17**-*538,612* PC **A04**/MF **A01**

**N85-24197/4**
FH/MFSK Performance in Multitone Jamming.
N85-24197/4 **17**-*538,802* PC **A04**/MF **A01**

**N85-24198/2**
Introduction to the Space Physics Analysis Network (SPAN).
N85-24198/2 **17**-*538,787* PC **A03**/MF **A01**

**N85-24199/0**
Prime-Focus Parabolic Reflector Antenna: Theory and Measurement.
N85-24199/0 **17**-*538,012* PC **A02**/MF **A01**

**N85-24216/2**
Error Generator to Support the Trials of the Zodiac Prototype System.
N85-24216/2 **17**-*538,788* PC **A02**/MF **A01**

**N85-24219/6**
Advanced Detectors and Signal Processing for Bubble Memories.
N85-24219/6 **17**-*537,946* PC **A04**/MF **A01**

**N85-24220/4**
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N85-24220/4 **17**-*537,896* PC **A06**/MF **A01**

**N85-24228/7**
Design, Fabrication and Testing of a Multibeam Forming Network.
N85-24228/7 **17**-*538,013* PC **A03**/MF **A01**

**N85-24235/2**
Maximum Entropy Spectral Analysis.
N85-24235/2 **17**-*537,974* PC **A04**/MF **A01**

**N85-24239/4**
Discrete Models for the Numerical Analysis of Time-Dependent Multidimensional Gas Dynamics.
N85-24239/4 **17**-*539,302* PC **A03**/MF **A01**

**N85-24240/2**
Spectral Methods for Modeling Supersonic Chemically Reacting Flow Fields.
N85-24240/2 **17**-*537,698* PC **A03**/MF **A01**

**N85-24241/0**
Review of Development and Application of Heat Pump Technology.
N85-24241/0 **17**-*538,397* PC **A04**/MF **A01**

**N85-24242/8**
Analytical and Numerical Study of the Interaction of Rarefaction Waves with Area Changes in Ducts. Part 2: Area Enlargements.
N85-24242/8 **17**-*539,303* PC **A04**/MF **A01**

**N85-24243/6**
Volume Change During Solidification.
N85-24243/6 **17**-*538,277* PC **A02**/MF **A01**

**N85-24245/1**
Advanced Radiator Concepts.
N85-24245/1 **17**-*538,398* PC **A02**/MF **A01**

**N85-24251/9**
Ueber die Bedeutung der in Einer Gasfoermigen Stroemung Mitgefuehrten Teilchen in der Laseranemometrie (The Significance for Laser Anemometry of Particles Carried Along in a Gas Flow).
N85-24251/9 **17**-*539,304* PC **A03**/MF **A01**

**N85-24252/7**
Experimental Simulation of the Flow inside a Gun Barrel.
N85-24252/7 **17**-*539,243* PC **A02**/MF **A01**

**N85-24253/5**
Anwendung der Laseranemometrie Auf Brennkammerstrahlen (Application of Laser Anemometry to Jets in Combustion Chambers).
N85-24253/5 **17**-*539,620* PC **A03**/MF **A01**

**N85-24254/3**
Mesures Bidimensionnelles Par Anemometrie Laser des Fluctuations de Vitesse dans UN Jet Excite (Laser Anemometry Two Dimensional Measurement of Velocity Fluctuations in an Excited Jet).
N85-24254/3 **17**-*539,305* PC **A02**/MF **A01**

**N85-24255/0**
Einfluss der Form und des Spiels Eines Flugkolbens Auf die Grenzschicht und den Waermeuebergang (Effect of Form and Clearance of a Piston Launched in a Tube on the Boundary Layer and the Heat Transfer).
N85-24255/0 **17**-*539,244* PC **A03**/MF **A01**

**N85-24256/8**
Visualisierung von Geschwindigkeitsfeldern MIT Dopplerbildern (Visualization of Velocity Fields with Doppler Images).
N85-24256/8 **17**-*539,306* PC **A02**/MF **A01**

**N85-24257/6**
33 Jahre Forschung MIT Strossrohren im Deutsch-Franzoesischen Forschunginstitut Saint Louis (Thirty-Three Years of Research with Shock Tubes in the Franco-German Research Institute, Saint Louis (France)).
N85-24257/6 **17**-*539,307* PC **A02**/MF **A01**

**N85-24258/4**
Experimentelle Simulation der Stroemungen VOR und Hinter Einem Geschoss MIT und Ohne Gasschlupf (Experimental Simulation of the Flows in Front of and Behind a Projectile with and Without Gas Slippage).
N85-24258/4 **17**-*539,245* PC **A03**/MF **A01**

**N85-24259/2**
Die Verwendung Einer Leichtgaskanone Zur Simulation Innenballistischer Stroemungen (The Utilization of a Light-Gas Gun to Simulate Interior Ballistic Flow).
N85-24259/2 **17**-*539,246* PC **A02**/MF **A01**

**N85-24260/0**
Druckwellen VOR und Hinter Einem Fluckolben im Strossrohr (Compression Waves in Front of and Behind a Piston Launched in a Shock Tube).
N85-24260/0 **17**-*539,247* PC **A08**/MF **A01**

**N85-24261/8**
Nichtstationaere Rohrstroemmungen MIT Verbrennung (Unsteady Flows in a Tube with Combustion Reaction).
N85-24261/8 **17**-*539,248* PC **A05**/MF **A01**

**N85-24262/6**
Geschwindigkeitsmessungen in Einer Aerosolwolke Waehrend der Pyrotechnischen Zerstaeubung (Measurement of the Expansion Velocity of an Aerosol Cloud During Pyrotechnical Dispersion).
N85-24262/6 **17**-*539,249* PC **A03**/MF **A01**

**N85-24263/4**
Durchfuehrbarkeitsstudie Zum Bau Einer Anlage Zur Simulation der Treibgasstroemung in Einem Waffenrohr, 2 (Feasibility Study of an Installation to Simulate the Flow of Propellant Gases in a Gun Barrel, Part 2).
N85-24263/4 **17**-*539,253* PC **A03**/MF **A01**

**N85-24264/2**
Experimentelle und Theoretische Untersuchung der Partikelbewegung in Einem Kompressible Wirbel (Experimental and Theoretical Investigation of the Motion of Particles in a Compressible Vortex).
N85-24264/2 **17**-*539,308* PC **A04**/MF **A01**

**N85-24265/9**
Einsatzmoeglichkeiten der Laser-Doppler-Anemimetrie bei der Untersuchung der Transsonischen Wechselwirkung Zwischen Verdichtungsstoss und Grenzschicht (Application Possibilities of Laser Doppler Anemometry in the Investigation of the Transonic Interaction Between Shock Wave and Boundary Layer).
N85-24265/9 **17**-*538,712* PC **A04**/MF **A01**

**N85-24266/7**
Mass and Heat Transfer in Reflux Condensers of Absorption Heat Pumps.
N85-24266/7 **17**-*538,399* PC **A03**/MF **A01**

**N85-24268/3**
Seven-Wavelength Pyrometer for Determining Surface Temperature of Ablation Materials.
N85-24268/3 **17**-*538,713* PC **A02**/MF **A01**

**N85-24269/1**
Geometric Error Analysis for Shuttle Imaging Spectrometer Experiment.
N85-24269/1 **17**-*538,714* PC **A08**/MF **A01**

**N85-24270/9**
Measurements in the Flow Field of a Cylinder with a Laser Transit Anemometer and a Drag Rake in the Langley 0.3 M Transonic Cryogenic Tunnel.
N85-24270/9 **17**-*539,309* PC **A02**/MF **A01**

**N85-24271/7**
Ultraviolet Spectrometer and Polarimeter (UVSP) Software Development and Hardware Tests for the Solar Maximum Mission.
N85-24271/7 **17**-*538,715* PC **A02**/MF **A01**

**N85-24274/1**
Omega: Un Dispositif de Mesure Optronique de l'Angle d'Incidence d'UN Projectile (Omega: An Optronic Device to Measure the Incidence Angle of a Projectile).
N85-24274/1 **17**-*539,250* PC **A02**/MF **A01**

**N85-24275/8**
Anwendung von Microchannelplates in der Roetgenblitztechnik (Utilization of Microchannel Plates in the Flash X-Ray Technique).
N85-24275/8 **17**-*538,716* PC **A02**/MF **A01**

**N85-24276/6**
Interferometrische Geschwindigkeitsmessungen in der Ballistik (Interferometric Velocity Measurements in Ballistics).
N85-24276/6 **17**-*539,251* PC **A03**/MF **A01**

**N85-24292/3**
Scaling Blackbody Laser to High Powers.
N85-24292/3 **17**-*539,327* PC **A02**/MF **A01**

**N85-24299/8**
Laser in der Kurzzeitphysik und Ballistik (Lasers in the Domains of Ultrashort-Time Phenomena Physics and Ballistics)
N85-24299/8 **17**-*538,717* PC **A03**/MF **A01**

**N85-24300/4**
Kupferhohlkathodenlaser (Laser with a Hollow Copper Cathode).
N85-24300/4 **17**-*539,328* PC **A02**/MF **A01**

**N85-24301/2**
Developement of a Theoretical Model to Describe the Interaction Between Electric Discharge and Supersonic Flow of a Pulsed CO Laser.
N85-24301/2 **17**-*539,329* PC **A06**/MF **A01**

**N85-24308/7**
Mini-Seminar on Non-Destructive Testing.
N85-24308/7 **17**-*538,718* PC **A07**/MF **A01**

**N85-24320/2**
Recent Developments in the Dynamics of Advanced Rotor Systems.
N85-24320/2 **17**-*537,029* PC **A06**/MF **A01**

**N85-24337/6**
Station Keeping of Geostationary Satellites by Electric Propulsion.
N85-24337/6 **17**-*539,641* PC **A03**/MF **A01**

**N85-24338/4**
Unified Constitutive Material Models for Nonlinear Finite-Element Structural Analysis.
N85-24338/4 **17**-*539,621* PC **A02**/MF **A01**

**N85-24339/2**
Cyclic Structural Analyses of Anisotropic Turbine Blades for Reusable Space Propulsion Systems.
N85-24339/2 **17**-*539,636* PC **A02**/MF **A01**

**N85-24345/9**
Beanspruchung von Rotationssymetrischen Schwermetallprojektilen Beim Abschuss (Stress in Axially Symmetrical Heavy Metal Projectiles During Discharge).
N85-24345/9 **17**-*539,239* PC **A02**/MF **A01**

**N85-24348/3**
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N85-24348/3 **17**-*537,850* PC **A08**/MF **A01**

**N85-24366/5**
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N85-24366/5 **17**-*537,851* PC **A09**/MF **A01**

**N85-24391/3**
Data Collection and Platform Location by Satellite: Argos Users' Conference.
N85-24391/3 **17**-*537,852* PC **A10**/MF **A01**

**N85-24409/3**
Data Collection and Platform Location by Satellite: Argos Users' Conference.
N85-24409/3 **17**-*537,853* PC **A14**/MF **A01**

**N85-24506/6**
Evaluation of Satellite Derived Estimates of Solar Radiation. Supplement.
N85-24506/6 **16**-*535,386* PC **A05**/MF **A01**

**N85-24507/4**
Evaluation of Satellite Derived Estimates of Solar Radiation.
N85-24507/4 **16**-*535,387* PC **A03**/MF **A01**

**N85-24508/2**
Atlas of Archived Vegetation, Land-Use and Seasonal Albedo Data Sets.
N85-24508/2 **17**-*537,077* PC **A04**/MF **A01**

**N85-24509/0**
Observation Model and Parameter Partials for the JPL VLBI Parameter Estimation Software Masterfit-F 2.0.
N85-24509/0 **17**-*537,779* PC **A04**/MF **A01**

**N85-24510/8**
Remote Sensing of Directional Wave Spectra Using the Surface Contour Radar.
N85-24510/8 **17**-*537,854* PC **A02**/MF **A01**

**N85-24514/0**
Evaluation of Carrying Capacity and Landscape Damage in Northern Kenya by Multistage Remote Sensing.
N85-24514/0 **17**-*537,789* PC **A08**/MF **A01**

**N85-24516/5**
Characterization of Terrestrial Solar Cells for Space Applications: Electrical Characteristics of Thin Westinghouse Dendritic Web Cells as a Function of Solar Intensity, Temperature, and Incidence Angle.
N85-24516/5 **17**-*538,155* PC **A04**/MF **A01**

**N85-24517/3**
Spaceborne Power Systems Preference Analyses. Volume 1. Summary.
N85-24517/3 **17**-*539,226* PC **A02**/MF **A01**

**N85-24518/1**
Spaceborne Power Systems Preference Analyses. Volume 2. Decision Analysis.
N85-24518/1 **17**-*539,227* PC **A08**/MF **A01**

**N85-24519/9**
Sensitivities of Projected 1980 Photovoltaic System Costs to Major System Cost Drivers.
N85-24519/9 **17**-*538,156* PC **A05**/MF **A01**

**N85-24520/7**
Silicon-Sheet and Thin-Film Cell and Module Technology Potential: Issue Study.
N85-24520/7 **17**-*538,157* PC **A07**/MF **A01**

**N85-24522/3**
Development and Testing of Parabolic Dish Concentrator No. 1.
N85-24522/3 **17**-*538,087* PC **A03**/MF **A01**

**N85-24523/1**
Development of an Organic Rankine-Cycle Power Module for a Small Community Solar Thermal Power Experiment.
N85-24523/1 **17**-*538,158* PC **A07**/MF **A01**

**N85-24524/9**
Test Results of an Organic Rankine-Cycle Power Module for a Small Community Solar Thermal Power Experiment.
N85-24524/9 **17**-*538,159* PC **A07**/MF **A01**

**N85-24525/6**
Solid/Melt Interface Studies of High-Speed Silicon Sheet Growth.
N85-24525/6 **17**-*537,613* PC **A03**/MF **A01**

**N85-24526/4**
Intermediate Load Modules for Test and Evaluation.
N85-24526/4 **17**-*538,160* PC **A03**/MF **A01**

**N85-24527/2**
Modelling of Photodegradation in Solar Cell Modules of Substrate and Superstrate Design Made with Ethylene-Vinyl Acetate as Pottant Material.
N85-24527/2 **17**-*538,088* PC **A04**/MF **A01**

**N85-24530/6**
Pulsed Excimer Laser Processing for Cost-Effective Solar Cells.
N85-24530/6 **17**-*538,161* PC **A03**/MF **A01**

**N85-24531/4**
Stress and Efficiency Studies.
N85-24531/4 **17**-*537,614* PC **A03**/MF **A01**

**N85-24532/2**
Development of Advanced Thermoelectric Materials.
N85-24532/2 **17**-*539,228* PC **A04**/MF **A01**

**N85-24540/5**
Over de Aanpassing van Het Nationale Verspreidingsmodel van Luchtverontreiniging voor Hoge Bronnen (Adjustment of the National Dispersion Model for Air Pollution from Elevated Sources).
N85-24540/5 **17**-*537,149* PC **A03**/MF **A01**

**N85-24542/1**
Numberical Simulation of the Effects of Radially Injected Barium Plasma in the Ionosphere.
N85-24542/1 **17**-*537,150* PC **A02**/MF **A01**

**N85-24543/9**
Plasma and Magnetospheric Research.
N85-24543/9 **17**-*537,151* PC **A02**/MF **A01**

**N85-24677/5**
Measurements with an Auroral Spectrometer in the Energy Budget Campaign.
N85-24677/5 **17**-*537,152* PC **A03**/MF **A01**

**N85-24680/9**
Variational Mesoscale Satellite Data Assimilation and Initialization.
N85-24680/9 **17**-*537,158* PC **A04**/MF **A01**

**N85-24685/8**
Cabauw (Netherlands) Meteorological Data Tapes 1973-1984: Description of Instrumentation and Data Processing for Continuous Measurements.
N85-24685/8 **17**-*537,159* PC **A03**/MF **A01**

**N85-24686/6**
Wind Observation Station Description for den Helder (Period 1843-1972) and de Kooy (Period 1955-1980).
N85-24686/6 **17**-*537,160* PC **A06**/MF **A01**

**N85-24689/0**
Sea Surface Temperatures from VAS MSI Data.
N85-24689/0 **17**-*537,855* PC **A02**/MF **A01**

**N85-24693/2**
Rapporto Preliminare Sui Risultati Delle Misure Idrologiche Eseguite Nel Tirreno Meridionale, Nello Stretto di Messina E Nello Ionio Occidentale (Preliminary Report on the Results of Hydrological Measurements in the Southern Tyrrhenian Sea, in the Messina Strait and in the Western Ionian Sea).
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**N85-24694/0**
Problems of Space Biology. Volume 50: Nystagmometry for Evaulation of the Status of the Vestibular Function.
N85-24694/0 **17**-*537,421* PC **A11**/MF **A01**

**N85-24709/6**
Alterations in Gut Transport of Minerals and in Binding Proteins During Simulated Weightlessness.
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**N85-24720/3**
Utilisation du Principe d'Isoenergie et de la Ponderation a pour l'Evaluation des Risques Lesionnels Dus a l'Exposition aux Bruits dans UN Environnement Militaire (Application of the Isoenergy Principle and the Weighing to Evaluate Lesion Risks Due to Noise in a Military Environment).
N85-24720/3 **17**-*537,582* PC **A02**/MF **A01**

**N85-24721/1**
Users Guide: The LaRC Human-Operator-Simulator-Based Pilot Model.
N85-24721/1 **17**-*537,356* PC **A03**/MF **A01**

**N85-24722/9**
Factors Affecting Dwell Times on Digital Displaying.
N85-24722/9 **17**-*537,357* PC **A03**/MF **A01**

**N85-24733/6**
Food Service and Nutrition for the Space Station.
N85-24733/6 **17**-*539,637* PC **A05**/MF **A01**

**N85-24749/2**
Programmer/Analyst Workstation Evaluation Report.
N85-24749/2 **17**-*537,328* PC **A06**/MF **A01**

**N85-24805/2**
Multimission Image Processing Laboratory's Virtual Frame Buffer Interface.
N85-24805/2 **17**-*537,947* PC **A05**/MF **A01**

**N85-24806/0**
Flowcharting with D-Charts.
N85-24806/0 **17**-*537,948* PC **A03**/MF **A01**

**N85-24807/8**
Expert System for Choosing the Best Combination of Options in a General-Purpose Program for Automated Design Synthesis.
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**N85-24808/6**
Guidelines for Development Structured Fortran Programs.
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**N85-24809/4**
Mini-Seminar on CAD/CAM.
N85-24809/4 **17**-*538,618* PC **A03**/MF **A01**

**N85-24812/8**
Runstreams for Using ASKA.
N85-24812/8 **17**-*539,458* PC **A03**/MF **A01**

**N85-24813/6**
Experiment in Software Reliability.
N85-24813/6 **17**-*537,951* PC **A04**/MF **A01**

**N85-24832/6**
EDIPAS: A Multidiscipline and Integrated Facility for Management and Evaluation of Engineering Data.
N85-24832/6 **17**-*537,952* PC **A02**/MF **A01**

**N85-24833/4**
Dataflow Computation.
N85-24833/4 **17**-*537,953* PC **A10**/MF **A01**

**N85-24834/2**
Selection Criteria and Computer Aided Design (CAD) Systems.
N85-24834/2 **17**-*537,954* PC **A02**/MF **A01**

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Executive Control Systems in the Engineering Design Environment.
N85-24835/9 **17**-*537,955* PC **A06**/MF **A01**

**N85-24843/3**
Constrained Parabolic Approximation of Curves in the Finite Element Method.
N85-24843/3 **17**-*538,327* PC **A02**/MF **A01**

**N85-24844/1**
Asymetric Choice for a Cluster Expansion of the Three-Body Problem.
N85-24844/1 **17**-*539,445* PC **A02**/MF **A01**

**N85-24859/9**
Algorithms and Approximations for Queueing Systems.
N85-24859/9 **17**-*538,351* PC **A07**/MF **A01**

**N85-24860/7**
Stability of Predictor-Corrector Methods for Parabolic Equations with Delay.
N85-24860/7 **17**-*538,328* PC **A02**/MF **A01**

**N85-24861/5**
Shift Parameter in the Backward Beam Method for Parabolic Problems for Preceding Times.
N85-24861/5 **17**-*538,329* PC **A02**/MF **A01**

**N85-24862/3**
Squares of Gegenbauer Polynomials and Milin Type Inequalities.
N85-24862/3 **17**-*538,330* PC **A02**/MF **A01**

**N85-24863/1**
Finite Element Methods in South Africa 1983.
N85-24863/1 **17**-*539,459* PC **A99**/MF **A01**

**N85-24865/6**
Estimation of Optimum Scores for Partition Detectors Using Stochastic Approximation Techniques.
N85-24865/6 **17**-*538,331* PC **A02**/MF **A01**

**N85-24873/0**
Data-Link Alternatives for the NASA Pilot Data Systems.
N85-24873/0 **17**-*538,789* PC **A02**/MF **A01**

**N85-24874/8**
Simple-Motion Pursuit-Evasion Differential Games in the Plane.
N85-24874/8 **17**-*538,352* PC **A06**/MF **A01**

**N85-24875/5**
Stochastic Pursuit-Evasion Differential Games in the Plane.
N85-24875/5 17-*538,353* PC **A03**/MF **A01**

**N85-24877/1**
Pade Tables of a Class of Entire Functions.
N85-24877/1 17-*538,332* PC **A02**/MF **A01**

**N85-24878/9**
Localization of Injective Modules.
N85-24878/9 17-*538,333* PC **A02**/MF **A01**

**N85-24879/7**
Topology and Order Structures. Part 2.
N85-24879/7 17-*538,334* PC **A06**/MF **A01**

**N85-24893/8**
Fake Topological Hilbert Spaces and Characterizations of Dimension in Terms of Negligibility.
N85-24893/8 17-*538,335* PC **A06**/MF **A01**

**N85-24894/6**
System Theoretic Description of Physical Systems.
N85-24894/6 17-*538,336* PC **A12**/MF **A01**

**N85-24895/3**
Intertwining Functions on Compact Lie Groups.
N85-24895/3 17-*538,337* PC **A05**/MF **A01**

**N85-24896/1**
Disproof of the Mertens Conjecture.
N85-24896/1 17-*538,338* PC **A02**/MF **A01**

**N85-24897/9**
Numerical Solution of a First Kind Fredholm Integral Equation Arising in Electron-Atom Scattering.
N85-24897/9 17-*539,417* PC **A02**/MF **A01**

**N85-24898/7**
Some Historical and Other Notes About the Mertens Conjecture and Its Recent Disproof.
N85-24898/7 17-*538,339* PC **A02**/MF **A01**

**N85-24899/5**
Positive Vectors, Positive Matrices and the Specialization Ordering.
N85-24899/5 17-*538,340* PC **A02**/MF **A01**

**N85-24900/1**
Convexity Theorem for Semisimple Symmetric Spaces.
N85-24900/1 17-*538,341* PC **A03**/MF **A01**

**N85-24904/3**
Sound Propagation Studies for a Large Horizontal Axis Wind Turbine.
N85-24904/3 17-*539,257* PC **A03**/MF **A01**

**N85-24910/0**
Localisation des Sources de Bruit Equivalentes dans des Jets Froids Rapides: Excites, et Non Excites (Localization of Sources of Equivalent Noise in Fast Cold Jets, Excited and Nonexcited).
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Ralentissement de Particules Chargees Par les Electrons Lies d'UN Plasma (Slowing down of Charged Particles by the Bound Electrons in a Plasma).
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Elementarprozesse Elektronisch Angeregter Teilchn 5. Vibronische Desaktivierung Non Chf (A1a' (O, V'2, O) Nach Anregung MIT Einem Gepulsten Farbstofflaser (Elementary Processes of Electronically Excited Particles. Part 5: Deactivation of Chf (A1a' (O, V'2, O) after Excitation by a Pulsed Dye Laser).
N85-24930/8 17-*537,699* PC **A04**/MF **A01**

**N85-24931/6**
O. F. Mosotti E la Fisica Molecolare (O. F. Mossotti and the Physics of Molecules).
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**N85-24942/3**
Retroreflective Armbands: Influences of Wearing Mode, Aging and Other Factors on the Visibility Distance.
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**N85-24960/5**
Radiation Effects Induced in PIN Photodiodes by 40- and 85-Mev Protons.
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Monte Carlo Lattice Models for Adsorbed Polymer Conformation.
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Thermodynamic Calculations and the Chemical Vapour Deposition of Hard Materials.
N85-24991/0 17-*537,702* PC **A02**/MF **A01**

**N85-24993/6**
Contesto Della Scoperta E Contesto Della Convalida: Le Proposte von Neumann E di Wiener Nello Sviluppo Della Fisica Del '900 (Discovery Refutation and Verification Refutation: The Proposals of von Neumann and Wiener in the Development of 20TH Century Physics).
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Impact of Science on Society.
N85-24994/4 17-*537,390* PC **A05**/MF **A01**

**N85-24999/3**
Investigations Carried out under the Director's Discretionary Fund.
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Measurement of the Nighttime Infrared Luminosity of Spacelab 1 in the H- and K-Bands.
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Cometary Astrometry.
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Determination of the Observation Conditions of Celestial Bodies with the Aid of the DISPO System.
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Investigation of the Daytime Lunar Atmosphere.
N85-25057/9 17-*537,129* PC **A03**/MF **A01**

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Extended Atmospheres of Outer Planet Satellites and Comets.
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Cosmic Ray Environment Model for Earth Orbit.
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Research and Technology.
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Prediction of Vortex-Induced Loads on Wind-Tunnel Turning Vanes.
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Approximate Neutral Point of a Subsonic Canard Aircraft.
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Nonlinear Problems in Flight Dynamics Involving Aerodynamic Bifurcations.
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**N85-25207/0**
Periodic Vortex Shedding in the Supersonic Wake of a Planar Plate.
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**N85-25208/8**
Exploratory Study of Apex Fence Flaps on a 74 Deg Delta Wing.
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**N85-25209/6**
Investigation of the Vortex TAB.
N85-25209/6 18-*539,653* PC **A05**/MF **A01**

**N85-25210/4**
Studies on the Interference of Wings and Propeller Slipstreams.
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3-Dimensional Navier-Stokes-Euler Code for Blunt-Body Flow Computations.
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Analysis of Selected Problems Involving Vortical Flows.
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**N85-25216/1**
Modifications to the Nozzle Test Chamber to Extend Nozzle Static-Test Capability.
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Investigation of Technology Needs for Avoiding Helicopter Pilot Error Related Accidents.
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Rotorcraft Digital Advanced Avionics System (RODAAS) Functional Description.
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Design, Fabrication and Test of Composite Curved Frames for Helicopter Fuselage Structure.
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Simulator Study of the Stall Departure Characteristics of a Light General Aviation Airplane with and Without a Wing-Leading-Edge Modification.
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Performance and Surge Limits of a TF30-p-3 Turbofan Engine/Axisymmetric Mixed-Compression Inlet Propulsion System at Mach 2.5.
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**N85-25262/5**
Development of a Temperature Measurement System with Application to a Jet in a Cross Flow Experiment.
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**N85-25263/3**
Numerical Calculation of Subsonic Jets in Crossflow with Reduced Numerical Diffusion.

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**N85-25264/1**

Small Gas Turbine Combustor Study: Fuel Injector Performance in a Transpiration-Cooled Liner.
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**N85-25265/8**

Behavior of Turbulent Gas Jets in an Axisymmetric Confinement.
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**N85-25266/6**

Experiments in Dilution Jet Mixing Effects of Multiple Rows and Non-Circular Orifices.
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**N85-25267/4**

Effects of Side-Stick Controllers on Rotorcraft Handling Qualities for Terrain Flight.
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**N85-25276/5**

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**N85-25282/3**

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**N85-25368/0**

Nasa R and T Aerospace Plane Vehicles: Progress and Plans.
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**N85-25369/8**

Shuttle Communications and Tracking Systems Modeling and TDRSS Link Simulations Studies.
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**N85-25374/8**

Construction in Space.
N85-25374/8 **18**-*542,042* PC **A04**/MF **A01**

**N85-25375/5**

Investigation of Tethered Satellite System Dynamics.
N85-25375/5 **18**-*542,043* PC **A06**/MF **A01**

**N85-25376/3**

Automatic Rendezvous and Docking Systems Functional and Performance Requirements.
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**N85-25377/1**

Definition of Ground Test for Verification of Large Space Structure Control.
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**N85-25383/9**

Oxygen-Hydrogen Thrusters for Space Station Auxiliary Propulsion Systems.
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**N85-25384/7**

Long-Life High Performance Fuel Cell Program.
N85-25384/7 **18**-*540,766* PC **A09**/MF **A01**

**N85-25385/4**

Manrating Orbital Transfer Vehicle Propulsion.
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**N85-25386/2**

Space Station Propulsion: The Advanced Development Program at Lewis.
N85-25386/2 **18**-*542,045* PC **A02**/MF **A01**

**N85-25387/0**

High Frequency Plasma Generator for Ion Thrusters.
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**N85-25393/8**

Studies on Rocket Engines for Future European Launchers.
N85-25393/8 **18**-*542,033* PC **A04**/MF **A01**

**N85-25433/2**

Crack Growth Direction in Unidirectional off-Axis Graphite Epoxy.
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**N85-25434/0**

Fracture Surface Analysis in Composite and Titanium Bonding. Part 1: Titanium Bonding.
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**N85-25435/7**

Spectroscopic Analysis of Radiation-Generated Changes in Tensile Properties of a Polyetherimide Film.
N85-25435/7 **18**-*540,882* PC **A03**/MF **A01**

**N85-25437/3**

Accuracy of Approximate Solutions in the Analysis of Fracture of Composites.
N85-25437/3 **18**-*540,821* PC **A02**/MF **A01**

**N85-25438/1**

Preliminary Investigation into Transverse Fracture of Unidirectional Fiber Composites.
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**N85-25443/1**

Effect of Air Holes on Combustor Liner Wall Temperature Profile: Experiments.
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**N85-25444/9**

Shock Tube Study of the Fuel Structure Effects on the Chemical Kinetic Mechanisms Responsible for Soot Formation, Part 2.
N85-25444/9 **18**-*541,918* PC **A08**/MF **A01**

**N85-25445/6**

Optimization of the Catalytic Oxidation of CO for Closed-Cycle CO2 Laser Applications.
N85-25445/6 **18**-*541,695* PC **A02**/MF **A01**

**N85-25446/4**

Metal Complexes of Some Heterocyclic Ligands.
N85-25446/4 **18**-*540,349* PC **A02**/MF **A01**

**N85-25466/2**

Resonant Coherent Anti-Stokes Raman Scattering.
N85-25466/2 **18**-*540,350* PC **A10**/MF **A01**

**N85-25467/0**

Investigation of Absorptive Electrochemical Systems for Display Applications.
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**N85-26318/4**
Long Range Downwind Propagation of Low-Frequency Sound.
N85-26318/4 **18**-*541,649* PC **A02**/MF **A01**

**N85-26319/2**
Evaluation of Proposed Acoustic Treatments for the NASA Larc 4 X 7 Meter Wind Tunnel.
N85-26319/2 **18**-*541,338* PC **A03**/MF **A01**

**N85-26320/0**
Fundamental Studies of Structure Borne Noise for Advanced Turboprop Applications.
N85-26320/0 **18**-*539,680* PC **A02**/MF **A01**

**N85-26326/7**
Development of an Apparatus for Obtaining Molecular Beams in the Energy Range from 2 to 200 Ev.
N85-26326/7 **18**-*541,339* PC **A02**/MF **A01**

**N85-26327/5**
Kinetic Energies of Fragment Ions Produced by Dissociative Photoionization of NO.
N85-26327/5 **18**-*539,775* PC **A02**/MF **A01**

**N85-26343/2**
Study on the Extension of Experiment Resources in the MAUS Project.
N85-26343/2 **18**-*542,046* PC **A04**/MF **A01**

**N85-26349/9**
Design of a Variable-Focal-Length Optical System.
N85-26349/9 **18**-*541,704* PC **A05**/MF **A01**

**N85-26368/9**
Forced MHD Turbulence in a Uniform External Magnetic Field.
N85-26368/9 **18**-*541,831* PC **A03**/MF **A01**

**N85-26369/7**
Annual Review, April 1983 - March 1984.
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**N85-26385/3**
Propagation of Wave Packet in a Dissipative Dielectric Medium.
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**N85-26386/1**
Heavy Ion Beam Study of Potential Formation in Bumpy Torus Plasma.
N85-26386/1 **18**-*541,834* PC **A04**/MF **A01**

**N85-26387/9**
Asymmetric Flux Generation and Its Relaxation in Reversed Field Pinch.
N85-26387/9 **18**-*541,835* PC **A02**/MF **A01**

**N85-26388/7**
Direct Electron and Ion Fluid Computation of High Electrostatic Fields in Dense Inhomogeneous Plasma with Subsequent Nonlinear Optical and Dynamical Laser Interaction.
N85-26388/7 **18**-*541,836* PC **A02**/MF **A01**

**N85-26406/7**
Optical Properties of Hydrogenated Amorphous Carbon Films Grown from Methane Plasma.
N85-26406/7 **18**-*541,894* PC **A02**/MF **A01**

**N85-26407/5**
Studies in Electron Phenomena in MOS Structures: The Pulsed C-V Method.
N85-26407/5 **18**-*541,895* PC **A02**/MF **A01**

**N85-26436/4**
Solutions of Field Equations in General Relativity with Spinor Connection.
N85-26436/4 **18**-*541,863* PC **A02**/MF **A01**

**N85-26439/8**
Management: A Bibliography for NASA (National Aeronautics and Space Administration) Managers.
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**N85-26440/6**
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**N85-26445/5**
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**N85-26446/3**
Procedures for Use in Compiling Requirements Specifications for Computerized Library Systems.
N85-26446/3 **18**-*539,862* PC **A03**/MF **A01**

**N85-26447/1**
Document Retrieval from a Relational Database Management System: An Investigation of Multiple-Line Query Formulation Using Sequel.
N85-26447/1 **18**-*539,863* PC **A02**/MF **A01**

**N85-26459/6**
Offerings of the Astronomical Institute of Bonn.
N85-26459/6 **18**-*539,738* PC **E04**/MF **A01**

**N85-26463/8**
IRAS Observations of Active Galaxies.
N85-26463/8 **18**-*539,745* PC **A02**/MF **A01**

**N85-26465/3**
Infrared Telescope.
N85-26465/3 **18**-*539,746* PC **A08**/MF **A01**

**N85-26468/7**
Spectral Constraints on Models of Gas in Clusters of Galaxies.
N85-26468/7 **18**-*539,747* PC **A02**/MF **A01**

**N85-26544/5**
High Pressure Cosmochemistry Applied to Major Planetary Interiors: Experimental Studies.
N85-26544/5 **18**-*539,748* PC **A02**/MF **A01**

**N85-26545/2**
Jupiter/Voyager Data Analysis.
N85-26545/2 **18**-*539,749* PC **A02**/MF **A01**

**N85-26546/0**
Electrons and Cosmic Ray Produced Protons in Saturn's Inner Magnetosphere.
N85-26546/0 **18**-*539,750* PC **A03**/MF **A01**

**N85-26547/8**
Martian Climate: Energy Balance Models with CO2/H2O Atmospheres.
N85-26547/8 **18**-*539,751* PC **A02**/MF **A01**

**N85-26548/6**
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**N85-26577/5**
Development of a Global 3-D Magnetohydrodynamic Computational Model for Solar Wind/Cometary and Planetary Studies.
N85-26577/5 **18**-*539,753* PC **A02**/MF **A01**

**N85-26578/3**
Stream Dynamics Between 1 AU and 2 AU: A Detailed Comparison of Observations and Theory.
N85-26578/3 **18**-*539,754* PC **A03**/MF **A01**

**N85-26581/7**
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**N85-26583/3**
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**N85-26584/1**
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N85-26584/1 **18**-*541,498* PC **A02**/MF **A01**

**N85-26590/8**
Nasa Ames Summer High School Apprenticeship Research Program.
N85-26590/8 **18**-*539,957* PC **A06**/MF **A01**

**N85-26610/4**
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**N85-26638/5**
Cost Effective and Affordable Guidance and Control Systems.
N85-26638/5 **19**-*542,108* PC **A13**/MF **A01**

**N85-26664/1**
Method for Simulating 3-D Aircraft Flow Fields with Jet Plume Effects.
N85-26664/1 **19**-*542,066* PC **A02**/MF **A01**

**N85-26665/8**
Investigation to Optimize the Passive Shock Wave/Boundary Layer Control for Supercritical Airfoil Drag Reduction.
N85-26665/8 **19**-*542,067* PC **A03**/MF **A01**

**N85-26667/4**
Exploratory Wind-Tunnel Investigation of a Wingtip-Mounted Vortex Turbine for Vortex Energy Recovery.
N85-26667/4 **19**-*542,068* PC **A02**/MF **A01**

**N85-26668/2**
Development of a Rotor Wake-Vortex Model, Volume 1.
N85-26668/2 **19**-*543,998* PC **A08**/MF **A01**

**N85-26669/0**
Finite-Difference Computations of Rotor Loads.
N85-26669/0 **19**-*542,069* PC **A02**/MF **A01**

**N85-26670/8**
Aerodynamic Detuning Analysis of an Unstalled Supersonic Turbofan Cascade.
N85-26670/8 **19**-*542,070* PC **A02**/MF **A01**

**N85-26671/6**
Application of CFD Techniques Toward the Validation of Nonlinear Aerodynamic Models.
N85-26671/6 **19**-*542,071* PC **A02**/MF **A01**

**N85-26672/4**
Numerical Simulation of the NFAC (National Full-Scale Aerodynamics Complex) Open-Return Wind Tunnel Inlet Flow.
N85-26672/4 **19**-*543,999* PC **A02**/MF **A01**

**N85-26673/2**
Experimental and Analytical Study of the Aerodynamic Interference Effects Between Two Sears-Haack Bodies at Mach 2.7.
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**N85-26674/0**
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**N85-26675/7**
Measurements of the Symmetric Aerodynamic Coefficients for Flat Faced Cylinders in the Angle of Attack Regime 0 to 90 Deg for Transonic and Supersonic Speeds.
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**N85-26676/5**
Mesures dans les Ecoulements a Basse Pression Par Sonde a Faisceau Electronique (Measurements in Low Pressure Flow Using an Electronic Beam Detector).
N85-26676/5 **19**-*544,000* PC **A03**/MF **A01**

**N85-26677/3**
Qualification de la Balance de Paroi du.Chariot 1 de Sima. Adaptee pour les Essais de 1/2 Maquettes Motorisees Par Turbines a Air Comprime (Tps) (Qualification of a Wall Gage for the Sima Wagon. Adapted to the Test of Half Models Motorized by Compressed Air Turbines).
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**N85-26679/9**
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N85-26679/9 **19**-*542,075* PC **A03**/MF **A01**

**N85-26680/7**
Conical Stagnation Points in the Flow around an External Corner.
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**N85-26681/5**
Computer Program for the Drag Prediction of Subsonic, Turbine Powered Aircraft in the en-Route Configuration.
N85-26681/5 **19**-*542,077* PC **A03**/MF **A01**

**N85-26682/3**
Curved Test Section for Research on Transonic Shock Wave-Boundary Layer Interaction.
N85-26682/3 **19**-*544,001* PC **A03**/MF **A01**

**N85-26683/1**
Numerical Solution of Transonic Normal Shock Wave-Boundary Layer Interaction Using the Bohning-Zierop Model.
N85-26683/1 **19**-*544,002* PC **A03**/MF **A01**

**N85-26687/2**
Comparison of Wind Velocity in Thunderstorms Determined from Measurements by a Ground-Based Doppler Radar and an F-106B Airplane.
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**N85-26690/6**
Foudroiement des Aeronefs. Exploitation Trip 82. Interferometrie Electromagnetique a 3 Dimensions (Lightning Strikes on Aircraft. The Trip 82 Experiment and 3-Dimensional Electromagnetic Interferometry).
N85-26690/6 **19**-*542,081* PC **A11**/MF **A01**

**N85-26691/4**
Navigation and Flight Director Guidance for the NASA/FAA Helicopter Mls Curved Approach Flight Test Program.
N85-26691/4 **19**-*542,109* PC **A07**/MF **A01**

**N85-26699/7**
Formulation and Implementation of Nonstationary Adaptive Estimation Algorithm with Applications to Air-Data Reconstruction.
N85-26699/7 **19**-*544,468* PC **A02**/MF **A01**

**N85-26704/5**
Protective Coatings for Aircraft Structures: A Review.
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**N85-26705/2**
Planning Fuel-Conservative Descents in an Airline Environmental Using a Small Programmable Calculator: Algorithm Development and Flight Test Results.
N85-26705/2 **19**-*542,082* PC **A05**/MF **A01**

**N85-26709/4**
Analytical Fuel Property Effects-Small Combustors.
N85-26709/4 **19**-*544,398* PC **A10**/MF **A01**

**N85-26710/2**
Low-Speed Aerodynamic Test of an Axisymmetric Supersonic Inlet with Variable Cowl Slot.
N85-26710/2 **19**-*542,078* PC **A02**/MF **A01**

**N85-26711/0**
Effects of Surface Chemistry on Hot Corrosion Life.
N85-26711/0 **19**-*543,168* PC **A03**/MF **A01**

**N85-26712/8**
Thermodynamic Evaluation of Transonic Compressor Rotors Using the Finite Volume Approach.
N85-26712/8 **19**-*544,417* PC **A03**/MF **A01**

**N85-26713/6**
Alternatives for Jet Engine Control.
N85-26713/6 **19**-*544,418* PC **A12**/MF **A01**

**N85-26714/4**
Alternatives for Jet Engine Control.
N85-26714/4 **19**-*544,419* PC **A07**/MF **A01**

**N85-26715/1**
Alternatives for Jet Engine Control.
N85-26715/1 **19**-*544,420* PC **A12**/MF **A01**

**N85-26716/9**
Confined Turbulent Swirling Recirculating Flow Predictions.
N85-26716/9 **19**-*544,003* PC **A11**/MF **A01**

**N85-26717/7**
Turbulence Characteristics of Swirling Flowfields.
N85-26717/7 **19**-*544,329* PC **A12**/MF **A01**

**N85-26718/5**
Controle Non Destructif de Pieces en Ceramique pour Turbines Aeronautiques (Nondestructive Tests of Ceramic Components for Aircraft Turbines).
N85-26718/5 **19**-*543,162* PC **A05**/MF **A01**

**N85-26719/3**
Etude de la Zone Primaire des Foyers de Turbomachines (Study of the Primary Zone of Gas Turbine Hearths).
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**N85-26720/1**
Piloted Simulation of One-on-One Helicopter Air Combat at Noe Flight Levels.
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**N85-26721/9**
Development and Flight Test of a Helicopter, X-Band, Portable Precision Landing System Concept.
N85-26721/9 **19**-*542,110* PC **A02**/MF **A01**

**N85-26728/4**
Static Longitudinal Stability and Control Characteristics of the Fokker F27 Friendship Calculated by Simple Handbook Methods.
N85-26728/4 **19**-*542,102* PC **A06**/MF **A01**

**N85-26729/2**
Application of Linear Optimal Control Theory to the Design of the Elevator Control System of the DHC-2 Beaver Experimental Aircraft.
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**N85-26730/0**
Technical Evaluation Report on the Flight Mechanics Symposium on Active Control Systems: Review, Evaluation and Projections.
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**N85-26759/9**
Study on Needs for a Magnetic Suspension System Operating with a Transonic Wind Tunnel.
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**N85-26760/7**
Probabilistic Computer Model of Optimal Runway Turnoffs.
N85-26760/7 **19**-*542,114* PC **A04**/MF **A01**

**N85-26768/0**
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**N85-26769/8**
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**N85-26836/5**
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**N85-26837/3**
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**N85-26840/7**
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**N85-26841/5**
Space Shuttle Program Communication and Tracking Systems Interface Analysis.
N85-26841/5 **19**-*543,770* PC **A16**/MF **A01**

**N85-26842/3**
Cost Prediction Model for Various Payloads and Instruments for the Space Shuttle Orbiter.
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**N85-26843/1**
Dons: Prediction de la Mesure Doppler (Dons: Prediction in Doppler Measurement).
N85-26843/1 **19**-*544,471* PC **A05**/MF **A01**

**N85-26844/9**
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**N85-26845/6**
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**N85-26846/4**
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**N85-26848/0**
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**N85-26849/8**
Spacecraft Configuration Study for Second Generation Mobile Satellite System.
N85-26849/8 **19**-*544,456* PC **A06**/MF **A01**

**N85-26850/6**
Identification and Control of Structures in Space.
N85-26850/6 **19**-*544,457* PC **A02**/MF **A01**

**N85-26851/4**
Space Station Engineering and Technology Development.
N85-26851/4 **19**-*544,458* PC **A07**/MF **A01**

**N85-26852/2**
Space Station Spartan Study.
N85-26852/2 **19**-*544,459* PC **A09**/MF **A01**

**N85-26853/0**
Slam II Simulation Model for Analyzing Space Station Mission Processing Requirements.
N85-26853/0 **19**-*544,428* PC **A06**/MF **A01**

**N85-26854/8**
Investigation of Tethered Satellite System Dynamics.
N85-26854/8 **19**-*544,460* PC **A04**/MF **A01**

**N85-26856/3**
Proposed Energy Systems for the Brazilian Data Collection Satellite.
N85-26856/3 **19**-*544,461* PC **A02**/MF **A01**

**N85-26861/3**
Impact of Magnetic Isolation on Pointing System Performance in the Presence of Structural Flexibility.
N85-26861/3 **19**-*543,785* PC **A04**/MF **A01**

**N85-26862/1**
Advanced High Pressure O2/H2 Technology.
N85-26862/1 **19**-*544,331* PC **A99**/MF **E03**

**N85-26912/4**
Tethered Nuclear Power for the Space Station.
N85-26912/4 **19**-*543,955* PC **A03**/MF **A01**

**N85-26913/2**
Gimbal Sizing Analysis for an IPACS Rotating Assembly.
N85-26913/2 **19**-*544,426* PC **A04**/MF **A01**

**N85-26918/1**
Solid Fuel Combustion Chamber.
N85-26918/1 **19**-*544,332* PC **A02**/MF **A01**

**N85-26919/9**
Solid Fuel Combustion Chamber.
N85-26919/9 **19**-*544,333* PC **A02**/MF **A01**

**N85-26920/7**
Solid Fuel Combustion Chamber Research in the Netherlands.
N85-26920/7 **19**-*544,334* PC **A03**/MF **A01**

**N85-26921/5**
Graphite Fiber Intercalation: Dynamics of the Bromine Intercalation Process.
N85-26921/5 **19**-*543,187* PC **A02**/MF **A01**

**N85-26923/1**
NASA/Aircraft Industry Standard Specification for Graphite Fiber Toughened Thermoset Resin Composite Material.
N85-26923/1 **19**-*543,188* PC **A04**/MF **A01**

**N85-26924/9**
Effect of Low-Velocity or Ballistic Impact Damage on the Strength of Thin Composite and Aluminum Shear Panels.
N85-26924/9 **19**-*543,189* PC **A03**/MF **A01**

**N85-26925/6**
Measurement of Damping of Graphite Expoxy Materials.
N85-26925/6 **19**-*543,190* PC **A02**/MF **A01**

**N85-26932/2**

Evaluation de la Resine Psp Comme Precurseur de Carbone (Evaluation of the PSP Resin as a Precursor of Carbon).

N85-26932/2 **19**-*543,191* PC **A03**/MF **A01**

**N85-26933/0**

Durability of Aramid Reinforced Aluminum Laminate (ARALL)

N85-26933/0 **19**-*543,192* PC **A02**/MF **A01**

**N85-26936/3**

Measurement of the Vibrational Band Strength for the Upsilon sub 3 Band of the HO2 Radical

N85-26936/3 **19**-*542,812* PC **A03**/MF **A01**

**N85-26937/1**

Development of a Persistent Chemical Agent Simulation System.

N85-26937/1 **19**-*543,724* PC **A03**/MF **A01**

**N85-26938/9**

Development of a Persistent Chemical Agent Simulator System (PCASS)

N85-26938/9 **19**-*543,725* PC **A02**/MF **A01**

**N85-26954/6**

Analytic Calculation of Premixed Flames.

N85-26954/6 **19**-*544,335* PC **A05**/MF **A01**

**N85-26961/1**

Microstructures and Properties of Rapidly Solidified Alloys.

N85-26961/1 **19**-*543,222* PC **A03**/MF **A01**

**N85-26962/9**

Iron Rich Low Cost Superalloys

N85-26962/9 **19**-*543,223* PC **A08**/MF **A01**

**N85-26963/7**

Properties and Microstructures for Dual Alloy Combinations of Three Superalloys with Alloy 901.

N85-26963/7 **19**-*543,224* PC **A03**/MF **A01**

**N85-26964/5**

Multiaxial and Thermomechanical Fatigue Considerations in Damage Tolerant Design.

N85-26964/5 **19**-*544,421* PC **A02**/MF **A01**

**N85-26984/3**

Effect of Low Sheet Thicknesses on the Fracture Toughness of an Al Alloy (7075-T6).

N85-26984/3 **19**-*543,225* PC **A02**/MF **A01**

**N85-26985/0**

Influence of Pretreatment, Environment and Strain Rate on Stress Corrosion Cracking of the Aluminum Alloy 7075-T6.

N85-26985/0 **19**-*543,226* PC **A03**/MF **A01**

**N85-26986/8**

Investigation of the Pitting Potential of Rapidly Solidified Aluminum-Lithium Alloys.

N85-26986/8 **19**-*543,227* PC **A02**/MF **A01**

**N85-26989/2**

Characterization-Curing-Property Studies of HBRF 55A Resin Formulations.

N85-26989/2 **19**-*543,243* PC **A07**/MF **A01**

**N85-26990/0**

Formulation/Cure Technology for Ultrahigh Molecular Weight Silphenylene-Siloxane Polymers.

N85-26990/0 **19**-*543,249* PC **A02**/MF **A01**

**N85-26991/8**

Effects of Wear on Structure-Sensitive Magnetic Properties of Ceramic Ferrite in Contact with Magnetic Tape.

N85-26991/8 **19**-*543,713* PC **A03**/MF **A01**

**N85-26992/6**

Environmental Stability of Intercalated Graphite Fibers.

N85-26992/6 **19**-*543,201* PC **A02**/MF **A01**

**N85-26993/4**

Effect of Counterface Material Type and Its Topography on the Tribological Properties of Polyimide Composites.

N85-26993/4 **19**-*543,193* PC **A03**/MF **A01**

**N85-26994/2**

Breakway Friction and Dynamic Friction/Wear Measurements of Various Ceramic Materials from 25 C (75 F) to 650 C (1200 F).

N85-26994/2 **19**-*543,163* PC **A05**/MF **A01**

**N85-26995/9**

Development of Acceptance Criteria for Batches of Silane Primer for External Tank Thermal Protection System Bonding Applications.

N85-26995/9 **19**-*543,169* PC **A04**/MF **A01**

**N85-26996/7**

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**N85-27008/0**

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**N85-27165/8**

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**N85-27166/6**

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**N85-27168/2**

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**N85-27185/6**

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**N85-27186/4**

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**N85-27187/2**

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Fatigue Criterion to System Design, Life and Reliability.

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**N85-27227/6**

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In Plane Stress Analysis.

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Component-Specific Modeling.

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Use of Marker Loads for Fatigue Crack Growth Measurements.

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Topex Gravity Model Development Team Activities during Fiscal Year 1984.
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**N85-27330/8**
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**N85-27333/2**
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**N85-27425/6**
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**N85-27465/2**
Conducting a Wind Sensing Study.
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**N85-27466/0**
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**N85-27467/8**
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**N85-27477/7**
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**N85-27489/2**
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**N85-27519/6**
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**N85-27528/7**
Introduction of New Cockpit Technology: A Human Factors Study.
N85-27528/7 **19**-*542,105* PC **A04**/MF **A01**

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Etude Statistique des Cotations de Charges de Travail de l'Analyse Dynamique de la Campagne de Certification de l'A310 (Statistical Study of the Dynamic Analysis of the Workload in the A310 Certification Campaign).
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**N85-27532/9**
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Background Noise Measurements from Jet Exit Vanes Designed to Reduced Flow Pulsations in an Open-Jet Wind Tunnel.
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Botany Facility Phase A Study. Core Payload Number 6 Eureca Carrier, Volume 1.
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**N85-27919/8**
Botany Facility Phase A Study. Core Payload Number 6 for Eureca Carrier, Volume 2.
N85-27919/8 **20**-*544,759* PC **A16**/MF **A01**

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Gust Simulation Apparatus of the 3M X 3M Low Speed Wind Tunnel of the DFVLR in Goettingen, West Germany.
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Data Processing on the Rotor Test Stand at DFVLR in Brunswick: Microprogrammable Interfaces and Array Processor as Key Components in a Pdp 11 Real Time Data Acquisition and Processing System.
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Free-Surface Phenomena under Low- and Zero-Gravity Conditions.
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Shuttle-Tethered Satellite System Definition Study Extension.
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Shuttle-Tethered Satellite System Definition Study. Volume 1: Executive Study.
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European Utilization Aspects of a US Manned Space Station. Volume 1.
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European Utilization Aspects of a US Manned Space Station. Volume 2.
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Descent Vehicles.
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Deployable Controllable Geometry Truss Beam.
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Long's Solution to Hydrostatic Flow over Mountains.
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Note on Integral Operators.
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Asymptotic Expansion of Jacobi Polynomials.
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**N85-28706/8**

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PATENT-4 507 928 **22**-*550,566* Not available NTIS

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PATENT-4 521 659 **22**-*550,569* Not available NTIS

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PATENT-4 521 702 **22**-*550,298* Not available NTIS

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**N85-29152/4**
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**N85-29174/8**
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**N85-29175/5**
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**N85-29177/1**
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N85-29177/1 **21**-*548,011* PC **A25**/MF **A01**

**N85-29178/9**
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PATENT-4 506 183 **22**-*550,565* Not available NTIS

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PATENT-4 515 207 **22**-*550,568* Not available NTIS

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N85-29181/3 **21**-*549,025* PC **A02**/MF **A01**

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PAT-APPL-6-739 789 **22**-*551,209* PC **A02**/MF **A01**

**N85-29183/9**
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**N85-29209/2**
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PATENT-4 514 178 **22**-*550,847* Not available NTIS

**N85-29213/4**
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PATENT-4 515 751 **22**-*550,848* Not available NTIS

**N85-29214/2**
Low Gravity Exothermic Heating/Cooling Apparatus.
PATENT-4 513 810 **22**-*550,567* Not available NTIS

**N85-29216/7**
Vibration-Free Raman Doppler Velocimeter.
PAT-APPL-6-727 034 **22**-*550,844* PC **A02**/MF **A01**

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PAT-APPL-6-711 551 **22**-*550,842* PC **A02**/MF **A01**

**N85-29218/3**
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Wind Tunnel Results of Advanced High Speed Propellers in the Takeoff, Climb and Landing Operating Regimes.
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High Reynolds Number Tests of a NASA SC(3)-0712(B) Airfoil in the Langley 0.3-Meter Transonic Cryogenic Tunnel.
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**N85-29927/9**

Pressure Distribution from High Reynolds Number Tests of a NASA SC(3)-0712(B) Airfoil in the Langley 0.3-Meter Transonic Cryogenic Tunnel.
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**N85-29928/7**

Low-Speed Wind-Tunnel Tests of an Advanced Eight-Bladed Propeller.
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**N85-29929/5**

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NASA (National Aeronautics and Space Administration) Initiatives with Historically Black Colleges and Universities.
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Calculation of Transonic Flows around an Aircraft Configuration with Motorized Nacelle.
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Computer Program for Plotting and Fairing Wind-Tunnel Data.
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Low-Speed Tests of a High-Aspect-Ratio, Supercritical-Wing Transport Model Equipped with a High-Lift Flap System in the Langley 4- by 7-Meter and Ames 12-Foot Pressure Tunnels.
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**N85-31011/8**
Computer Programs for Smoothing and Scaling Airfoil Coordinates.
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Transonic Calculations for a Flexible Supercritical Wing and Comparison with Experiment.
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Experimental Investigation of Propfan Installations on an Upswept Supercritical Wing at Transonic Mach Numbers.
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Effect of Ground and/or Ceiling Planes on Thrust of Rotors in Hover.
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Fuselage Upwash Effects on RSRA Rotor Systems.
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Simulations Numeriques d'Ecoulements Potentiels en Regime Transsonique Stationnaire (Numerical Simulation of Potential Flow in Transonic Steady Regimes).
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Extension de la Methode des Petites Perturbations Transsoniques Instationnaires Tridimensionelles au Cas des Voilures Reelles (Extension of the Small Perturbations Method in Three-Dimensional Transonic, Unsteady Flow to the Case of Real Wings).
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Essais de l'Avion Petit Canard Reel dans la Veine 3-47 M2 de la Soufflerie Sima, Mai 1984 (Real Scale Test of the Petit Canard Aircraft in the Number 3 Section, 47 Sqm, of the Sima Wind Tunnel, May 1984).
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Mesures d'Ascendance et de Derapage dans la Veine No. 2 de Sima (Aerodynamic Measurement of the Wind Flow in the Number Two Section of the Sima Wind Tunnel).
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Transonic and Supersonic Wind Tunnel Tests on Control Effectiveness on Schematic Missile Configurations.
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**N85-31021/7**
Transonic and Supersonic Wind Tunnel Tests on Control Effectiveness on Schematic Missile Configurations. Supplement.
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Calculation of Flow around the SF 310 Airplane Using a Full Potential Equation Method.
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Cone Drag in the Transition from Continuum to Free Molecular Flow.
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Theory of Quasi-Conical Solutions of Noninteger Degree.
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Supersonic Potential Gradient Method for the Calculation of Unsteady Aerodynamic Pressures on Harmonically Oscillating Wings.
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Verification of Calculation Methods for Unsteady Airloads in the Precipitation of Transonic Flutter.
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Compendum of Unsteady Aerodynamic Measurements, Addendum 1.
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30 Jahre Taetigkeit fuer die Sicherheit der Luftfahrt (Thirty Years' Activities for Aircraft Safety).
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Definition and Layout of a Traffic Generator for an Air Traffic Control Simulation.
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Study of the Application of Differential Techniques to the Global Positioning System for a Helicopter Precision Approach.
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Feasibility Study for the Use of Electronic Flight Strips in ATC Controller Workstations.
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Simulations of Strapdown-System Errors and Error Compensation Methods.
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Using Regression Analysis for Determining Air Data Sensor Errors by Means of an Inertial Navigation System.
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Flight Testing the Litton LTN 90 Laser Gyro Strapdown System for Civil Aviation.
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Estimation of Dynamic Rotor Loads for the Rotor Systems Research Aircraft: Methodology Development and Validation.
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Conception de la Nacelle a-320 (Design of the Nacelle for the a-320 Aircraft).
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New Main Rotor Hub for the as 332 Super Puma.
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Standardization of Helicopter Certification Requirements in the Western World.
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Automated Fabrication of Composite Structures for Helicopters.
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Research Flight Simulator for Helicopters (RFSH): Description and Application to Fire Control System Design.
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L'Helicoptere: Instrument d'Election pour l'Evacuation Sanitaire (The Helicopter, Instrument of Choice for Health Evacuation).
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Design of a Basic Airfoil for a Slightly Swept Wing. Part 1: Theoretical Transonic Airfoil Design.
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Ssme Seal Test Program: Test Results for Hole-Pattern Damper Seals.
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Realisation Par Vapodeposition d'Aubages Enveloppes en Nitrure de Silicium (Realization by Vapor Deposition of Turbine Blades Covered with a Silicon Nitride Layer).
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Gas Turbines: Operating Conditions, Material Selection and Development.
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Sidewall Boundary-Layer Effects in Two-Dimensional Airfoil Testing.
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**N85-31066/2**
Materials and Techniques for Model Construction.
N85-31066/2 **23**-*553,665* PC **A02**/MF **A01**

**N85-31067/0**
Application of Laser Anemometry to the Study of Transonic Shock Boundary-Layer Interactions.
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**N85-31068/8**
Stosswellen in Benachbarten Triebwerkseinlaeufen (Shock Waves in Adjacent Engine Inlets).
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**N85-31069/6**
Experiences with the Use of a Side-Strut Model Support System for High Angles for Attack in the Tmk Trinsonik Wind Tunnel.
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**N85-31071/2**
Concept Development Evaluation for John Deere/Ua Sts Middeck Experiment Location.
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**N85-31072/0**
Mission Analysis of Solar Powered Aircraft.
N85-31072/0 **23**-*551,904* PC **A04**/MF **A01**

**N85-31073/8**
Microgravity Silicon Zoning Investigation.
N85-31073/8 **23**-*554,166* PC **A05**/MF **A01**

**N85-31075/3**
Space Research at NLR.
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**N85-31081/1**
Systeme Vehicule Ariane. Sous-Systeme Pyrotechnique: Definition des Chaines et des Composants Pyrotechniques (Ariane Launcher System. Pyrotechnics Subsystem: Definition of Chains and Pyrotechnic Components).
N85-31081/1 **23**-*554,547* PC **A12**/MF **A01**

**N85-31082/9**
Empirical Formulas for the Prediction of the Base Pressure of Missile Bodies at Subsonic Velocities.
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**N85-31083/7**
Serial Minimum Shift Keying (SMSK) Follow-on Study.
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**N85-31084/5**
Radiometry: A Useful Prediction Tool.
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**N85-31085/2**
Navstar Global Positioning System (GPS) Receiver Development Program, Phase 1.
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**N85-31139/7**
Multi-KW Solar Arrays for Earth Orbit Applications.
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**N85-31140/5**
Quasi Non-Intrusive Sampling and Analysis of Gases Associated with the Boundary Layer on the Tethered Satellite and Similar Supersonic and Hypersonic Research Vehicles.
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**N85-31141/3**
Recovery of Pyroshock Data from Distorted Acceleration Records.
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**N85-31142/1**
Adaptive Identification and Control of Structural Dynamics Systems Using Recursive Lattice Filters.
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**N85-31143/9**
Docking Simulation Analysis of Range Data Requirements for the Orbital Maneuvering Vehicle.
N85-31143/9 **23**-*554,527* PC **A05**/MF **A01**

**N85-31144/7**
X-Ray Satellite.
N85-31144/7 **23**-*554,528* PC **A03**/MF **A01**

**N85-31145/4**
X-Ray Satellite.
N85-31145/4 **23**-*554,529* PC **A03**/MF **A01**

**N85-31146/2**
Space Station Reference Configuration Description.
N85-31146/2 **23**-*554,522* PC **A99**/MF **E04**

**N85-31147/0**
Space Station Man-Machine Automation Trade-off Analysis.
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**N85-31148/8**
Proceedings of the Workshop on Identification and Control of Flexible Space Structures. Volume 1.
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**N85-31170/2**
Proceedings of the Workshop on Identification and Control of Flexible Space Structures. Volume 2.
N85-31170/2 **23**-*554,531* PC **A19**/MF **A01**

**N85-31195/9**
Proceedings of the Workshop on Identification and Control of Flexible Space Structures, Volume 3.
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Evolution of Spacecraft Design Methods as a Function of Environmental and Geometrical Constraints.
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**N85-31217/1**
Studies Toward a Manned Space Station: Participation of European Industry in NASA Space Station (MSS).
N85-31217/1 **23**-*554,534* PC **A04**/MF **A01**

**N85-31219/7**
Etude de la Partie Hyperfrequence de l'Altimetre Poseidon et Specifications des Equipements de la Maquette (Poseidon Altimeter: Study of the Hyperfrequency Section and Specifications of the Prototype Components).
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**N85-31220/5**
Modelisation de l'Altimetre Etat Solide: Description de la Simulation, Analyse des Premiers Resultats (Filtrage Bande Etroite, Ponderation) (Solid State Altimeter Model: Simulation Description; Analysis of First Results (Narrow Band Filters, Weighting)).
N85-31220/5 **23**-*554,536* PC **A03**/MF **A01**

**N85-31221/3**
Shuttle Molecular Gun: Smog. Potential Experiment for the Electrodynamic Tethered Satellite System (TSS) Mission.
N85-31221/3 **23**-*552,015* PC **A02**/MF **A01**

**N85-31222/1**
Advanced (Unfloated) Gyros for Satellite Control.
N85-31222/1 **23**-*554,537* PC **A10**/MF **A01**

**N85-31223/9**
German Payloads for Eureca 1.
N85-31223/9 **23**-*554,538* PC **A04**/MF **A01**

**N85-31224/7**
Comparison of ERS-1 Scatterometer Monte Carlo Performance Simulations Using a Weighted Nonlinear Least Squares and a Maximum Likelihood Estimation Method.
N85-31224/7 **23**-*553,667* PC **A03**/MF **A01**

**N85-31225/4**
Preliminary Investigations Concerning a 90 Ghz Radiometer Satellite Experiment.
N85-31225/4 **23**-*554,539* PC **A04**/MF **A01**

**N85-31228/8**
Modelisation de l'Ecoulement au Culot des Missiles (Flow Modeling at the Base Region of Missiles).
N85-31228/8 **23**-*553,756* PC **A03**/MF **A01**

**N85-31229/6**
ESA Field Emission Electric Propulsion Program.
N85-31229/6 **23**-*554,342* PC **A04**/MF **A01**

**N85-31230/4**
Highly Underexpanded Exhaust Plume from Nozzles with Boundary Layers.
N85-31230/4 **23**-*554,516* PC **A06**/MF **A01**

**N85-31231/2**
Analysis of Beam Interaction of the Electrical Thruster RIT 10 (Particle Emission) with Surfaces.
N85-31231/2 **23**-*554,540* PC **A05**/MF **A01**

**N85-31232/0**
Use of Moments of Momentum to Account for Crystal Habits.
N85-31232/0 **23**-*554,167* PC **A03**/MF **A01**

**N85-31235/3**
Materiaux Speciaux: Les Carbones (Special Materials: Carbons).
N85-31235/3 **23**-*552,520* PC **A03**/MF **A01**

**N85-31236/1**
Long-Term Thermal Aging of Celion/V378a Composite Materials.
N85-31236/1 **23**-*553,137* PC **A03**/MF **A01**

**N85-31237/9**
Delamination Micromechanics Analysis.
N85-31237/9 **23**-*553,138* PC **A08**/MF **A01**

**N85-31238/7**
Residual Thermal and Moisture Influences on the Strain Energy Release Rate Analysis of Edge Delamination.
N85-31238/7 **23**-*553,139* PC **A03**/MF **A01**

**N85-31239/5**
Development of an Impact- and Solvent-Resistant Thermoplastic Composite Matrix, Phase 3.
N85-31239/5 **23**-*553,140* PC **A05**/MF **A01**

**N85-31240/3**
Mechanical Properties of Aligned Short Carbon Fiber Reinforced Pes and pi Laminates.
N85-31240/3 **23**-*553,141* PC **A06**/MF **A01**

**N85-31244/5**
Fuel-Rich Catalytic Combustion: A Soot-Free Technique for in Situ Hydrogen-Like Enrichment.
N85-31244/5 **23**-*554,334* PC **A02**/MF **A01**

**N85-31260/1**
Application de la Methode DRASC sur Foyer Snecma (Application of the Difusion Raman Anti-Stokes Coherent (DRASC) Method to a Snecma Combustion Chamber).
N85-31260/1 **23**-*552,521* PC **A03**/MF **A01**

**N85-31283/3**
Advanced Thermal Barrier System Bond Coatings for Use on Ni, CO-, and Fe-Base Alloy Substrates.
N85-31283/3 **23**-*553,133* PC **A02**/MF **A01**

**N85-31284/1**
Multiple Linear Regression Analysis of Hot Corrosion Attack on a Series of Nickel Base Turbine Alloys.
N85-31284/1 **23**-*553,163* PC **A02**/MF **A01**

**N85-31289/0**
Influence de la Recrystallisation et de la Mise en Solution sur la Tenacite des Alliages 7010 et 7475. Fatigue Oligocyclique de l'Alliage 7010 (Influence of Recrystallization and Solution on the Tenacity of the 7010 and 7475 Alloys. Olygocyclic Fatigue of the 7010 Alloy).
N85-31289/0 **23**-*553,164* PC **A02**/MF **A01**

**N85-31290/8**
Crack Growth Data for Two Aluminum Alloys 7050-T73651 and 2024-T3.
N85-31290/8 **23**-*553,165* PC **A05**/MF **A01**

**N85-31291/6**
La Corrosion dans les Structures d'Avions Civils (Corrosion in Civil Aircraft Structures).
N85-31291/6 **23**-*553,166* PC **A02**/MF **A01**

**N85-31292/4**
Production Process for Steel with Decarburized Surface Adapted for Single Coating Enamelling.
N85-31292/4 **23**-*553,167* PC **A03**/MF **A01**

**N85-31293/2**
In Situ Moessbaueronderzoek Ann Bimetallische Katalysatoren OP Drager: Feru, Ferh, Fepd, Feir en Fept OP SIO2 (In Situ Moessbauer Investigation of Bimetallic Catalysts on a Base: Feru, Ferh, Fepd, Feir, and Fept on SIO2).
N85-31293/2 **23**-*553,168* PC **A04**/MF **A01**

**N85-31296/5**
Synthesis and Characterization of Copolyimides with Varying Flexibilizing Groups.
N85-31296/5 **23**-*553,126* PC **A03**/MF **A01**

**N85-31297/3**
STPI/LARC: A 200 Deg C Polyimide Adhesive.
N85-31297/3 **23**-*553,117* PC **A03**/MF **A01**

**N85-31304/7**
Les Elastomeres Utilises dans l'Industrie Aeronautique (Elastomers Used in Aeronautics Industry).
N85-31304/7 **23**-*553,201* PC **A03**/MF **A01**

**N85-31305/4**
Prediction of Lifetime for Ceramic Materials in the Elastic and Viscoelastic Region by Fracture Mechanical Methods.
N85-31305/4 **23**-*553,127* PC **A12**/MF **A01**

**N85-31307/0**
Rapid Estimation of Concentration of Aromatic Classes in Middistillate Fuels by High-Performance Liquid Chromatography.
N85-31307/0 **23**-*554,486* PC **A02**/MF **A01**

**N85-31308/8**
Detailed Studies of Aviation Fuel Flowability.
N85-31308/8 **23**-*554,487* PC **A05**/MF **A01**

**N85-31312/0**
Experimental Simulation of Internal Ballistic Flows.
N85-31312/0 **23**-*554,136* PC **A02**/MF **A01**

**N85-31328/6**
Rapport d'Activite 1983 du Laboratoire de Mecanique et Energetique (Activities Report of the Laboratory of Mechanics and Energetics).
N85-31328/6 **23**-*552,069* PC **A02**/MF **A01**

**N85-31347/6**
Combined Trellis Coding with Asymmetric Mpsk Modulation: An MSAT-X Report.
N85-31347/6 **23**-*553,766* PC **A04**/MF **A01**

**N85-31348/4**
Automated Testing of Developmental Satellite Communications Systems and Subsystems.
N85-31348/4 **23**-*553,767* PC **A02**/MF **A01**

**N85-31349/2**
Study to Determine Potential Flight Applications and Human Factors Design Guidelines for Voice Recognition and Synthesis Systems.
N85-31349/2 **23**-*553,768* PC **A07**/MF **A01**

**N85-31353/4**
Annuleur d'Echo Auto-Adaptatif pour la Telephonie (Self-Adaptive Echo Cancellation for Telephony).
N85-31353/4 **23**-*553,769* PC **A10**/MF **A01**

**N85-31354/2**
Etude d'UN Recepteur a Etalement de Spectre a Faible Debit (Study of a Low Rate Spread Spectrum Receiver).
N85-31354/2 **23**-*553,770* PC **A09**/MF **A01**

**N85-31355/9**
Rapport Scientifique du Departement Systemes et Communications (Scientific Report of the Department of Systems and Communications).
N85-31355/9 **23**-*553,771* PC **A06**/MF **A01**

**N85-31356/7**
Un Vocadeur a Classification: Transmission de Parole a Tres Faible Debit Par Quantification Vectorielle du Spectre (A Classification Vocoder: A Very Low Rate Speech Transmission by Vector Quantization of the Spectrum).
N85-31356/7 **23**-*553,772* PC **A03**/MF **A01**

**N85-31357/5**
Study of Terrestrial Mobile Systems for Personal Communications.
N85-31357/5 **23**-*553,773* PC **A17**/MF **A01**

**N85-31358/3**
SAR Swath Widening Techniques.
N85-31358/3 **23**-*553,813* PC **A16**/MF **A01**

**N85-31359/1**
Calcul des Filtres Optimaux de Transmission de Donnees (Optimum Filter Computation for Data Transmission).
N85-31359/1 **23**-*553,774* PC **A02**/MF **A01**

**N85-31360/9**
Modulation a Quatre Etats de Phase. Etude Theorique de la Degradation Entrainee Par Une Modulation Parasite de Phase (Modulation Using Four Phase Levels. Theoretical Study of the Degradation Caused by a Spurious Phase Modulation).
N85-31360/9 **23**-*553,775* PC **A03**/MF **A01**

**N85-31361/7**
Etude d'Une Chaine de Transmission de Signaux a Bande Limitee (Study of a Limited Band Signal Transmission Chain).
N85-31361/7 **23**-*553,776* PC **A02**/MF **A01**

**N85-31362/5**
Etude de Brouillage de Doris Par les Faisceaux Hertziens a 2 Ghz (Study of the Interferences of 2 Ghz Radio BEAMS with a Doris System).
N85-31362/5 **23**-*553,777* PC **A02**/MF **A01**

**N85-31363/3**
Traitement des Donnees du Radar a Synthese d'Ouverture (Synthetic Aperture Radar Data Processing).
N85-31363/3 **23**-*553,814* PC **A03**/MF **A01**

**N85-31364/1**
Digital Signal Processing for Spaceborne Synthetic Aperture Radar.
N85-31364/1 **23**-*553,815* PC **A05**/MF **A01**

**N85-31365/8**
Sapiens Memo 8: Electromagnetic Properties of the EMP Simulator Sapiens.
N85-31365/8 **23**-*553,668* PC **A03**/MF **A01**

**N85-31366/6**
High Reflective Surfaces for Millimeter RF Waves, Phase A.
N85-31366/6 **23**-*552,876* PC **A17**/MF **A01**

**N85-31367/4**
Phase-Locked Loops for Optical Homodyne Detection. Volume 1.
N85-31367/4 **23**-*553,778* PC **A07**/MF **A01**

**N85-31368/2**
Phase Locked Loops for Optical Homodyne Detection. Volume 2.
N85-31368/2 **23**-*553,779* PC **A05**/MF **A01**

**N85-31369/0**
Offset Reflector with Horn Feed Array, Used as an Experimental Sensor for Radiometric Measurements.
N85-31369/0 **23**-*553,669* PC **A04**/MF **A01**

**N85-31371/6**
1984 Goddard Space Flight Center Battery Workshop.
N85-31371/6 **23**-*553,108* PC **A25**/MF **A01**

**N85-31412/8**
Receive Shaping Filter Manufacture.
N85-31412/8 **23**-*552,877* PC **A02**/MF **A01**

**N85-31413/6**
Thirty Ghz Low Noise GaAs FET Amplifiers.
N85-31413/6 **23**-*552,878* PC **A05**/MF **A01**

**N85-31414/4**
Experimental and Theoretical Investigations of Open Resonators.
N85-31414/4 **23**-*552,756* PC **A06**/MF **A01**

**N85-31415/1**
Deterministic and Random Phase Noise of Oscillators.
N85-31415/1 **23**-*552,879* PC **A03**/MF **A01**

**N85-31416/9**
Informatics Division.
N85-31416/9 **23**-*551,933* PC **A02**/MF **A01**

**N85-31417/7**
Basic Development of a 1.5 Micrometer Very Large Scale Integrated Technique, Part 1-4.
N85-31417/7 **23**-*553,552* PC **A15**/MF **A01**

**N85-31433/4**
Transition in Turbines.
N85-31433/4 **23**-*554,194* PC **A10**/MF **A01**

**N85-31443/3**
Reverberation Effects on Directionality and Response of Stationary Monopole and Dipole Sources in a Wind Tunnel.
N85-31443/3 **23**-*554,145* PC **A03**/MF **A01**

**N85-31444/1**
Heat Transfer in Aeropropulsion Systems.
N85-31444/1 **23**-*551,897* PC **A03**/MF **A01**

**N85-31445/8**
Velocity Visualization in Gaseous Flows.
N85-31445/8 **23**-*554,195* PC **A02**/MF **A01**

**N85-31446/6**
Device for Generating Motive Force through the Expansion of a Non-Elastic Dense Fluid.
N85-31446/6 **23**-*553,016* PC **A02**/MF **A01**

**N85-31447/4**
Viscous Flows in Rotating Pipes with Internal Cavities and Related Vortex Breakdowns.
N85-31447/4 **23**-*554,196* PC **A02**/MF **A01**

**N85-31448/2**
Implicit Finite-Difference Code for a Two-Equation Turbulence Model for Three-Dimensional Flows.
N85-31448/2 **23**-*554,197* PC **A02**/MF **A01**

**N85-31449/0**
Spar Improved Structural-Fluid Dynamic Analysis Capability.
N85-31449/0 **23**-*554,198* PC **A05**/MF **A01**

**N85-31450/8**
New Finite Element Approach: Progress in Inviscid Flow Computations.
N85-31450/8 **23**-*554,199* PC **A02**/MF **A01**

**N85-31458/1**
Multifractal Nature of Fully Developed Turbulence and Chaotic Systems.
N85-31458/1 **23**-*554,200* PC **A03**/MF **A01**

**N85-31459/9**
Decollement Bidimensionnel dans un Fluide Incompressible (Two-Dimensional Separation in an Incompressible Fluid).
N85-31459/9 **23**-*554,201* PC **A05**/MF **A01**

**N85-31460/7**
Droplet Deposition in Vertical Two-Phase Flow.
N85-31460/7 **23**-*554,202* PC **A09**/MF **A01**

**N85-31461/5**
Developpement d'Instabilites Thermoconvectives en Milieu Poreux. Influence des Conditions a la Limite (Development of Thermoconvective Instabilities in Porous Media. Influence of Boundary Conditions).
N85-31461/5 **23**-*554,203* PC **A02**/MF **A01**

**N85-31462/3**
Thermomigration en Milieu Poreux Etude du Developpement d'Une Zone S'Assechement (Thermomigration in Porous Media. Study of the Development of a Drying Zone).
N85-31462/3 **23**-*552,740* PC **A02**/MF **A01**

**N85-31463/1**
Ecoulements Non Permanents Non Newtoniens dans UN Convergent Divergent (Nonnewtonian, Unsteady Flow in a Convergent Divergent Duct).
N85-31463/1 **23**-*554,204* PC **A02**/MF **A01**

**N85-31464/9**
Solutions Hydrodynamiques pour la Diffusion de Constituants en Milieu Confine (Hydrodynamic Solutions for the Diffusion of Components in Confined Media).
N85-31464/9 **23**-*553,417* PC **A02**/MF **A01**

**N85-31465/6**
Intermittent Gas-Liquid Flow Modeling in Horizontal or Weakly Inclined Pipes.
N85-31465/6 **23**-*554,205* PC **A02**/MF **A01**

**N85-31466/4**
Some Remarks on the Constitutive Equations of Stratified Gas-Liquid Flow.
N85-31466/4 **23**-*554,206* PC **A02**/MF **A01**

**N85-31467/2**
Preliminary Wind Tunnel Experiments to Investigate the Effect of Heat Transfer on the Dispersion of Cold Dense Gases.
N85-31467/2 **23**-*552,037* PC **A04**/MF **A01**

**N85-31468/0**
Phoenics 84: A Multi-Dimensional Multi-Phase General-Purpose Computer Simulator for Fluid Flow, Heat Transfer and Combustion: 36 Lecture Panels.
N85-31468/0 **23**-*554,207* PC **A02**/MF **A01**

**N85-31469/8**
Progress in the Development of a Two-Fluid Model of Turbulence: A Set of 42 Lecture Panels.
N85-31469/8 **23**-*554,208* PC **A03**/MF **A01**

**N85-31470/6**
Direct Simulation Techniques for the Boltzmann Equation.
N85-31470/6 **23**-*554,209* PC **A04**/MF **A01**

**N85-31471/4**
Evaluation of Boundary Layer Measurements on Boattailed Bodies of Revolution in Axisymmetric Compressible Subsonic Flow.
N85-31471/4 **23**-*551,898* PC **A12**/MF **A01**

**N85-31472/2**
Optimization of a Numerical Method to Calculate Elliptic Flows.
N85-31472/2 **23**-*554,210* PC **A03**/MF **A01**

**N85-31476/3**
View-Limiting Shrouds for Insolation Radiometers.
N85-31476/3 **23**-*553,670* PC **A03**/MF **A01**

**N85-31477/1**
Development of a New Laser Doppler Velocimeter for the Ames High Reynolds Channel No. 2.
N85-31477/1 **23**-*553,671* PC **A02**/MF **A01**

**N85-31478/9**
Photon-Counting Image Sensors for the Ultraviolet.
N85-31478/9 **23**-*553,791* PC **A03**/MF **A01**

**N85-31483/9**
Solid Surface Characterization by Contact Angle Measurements.

N85-31483/9 **23**-*553,672* PC **A03**/MF **A01**

**N85-31484/7**

Gyrometrie a Ondes Elastiques (Elastic Wave Gyrometer).
N85-31484/7 **23**-*554,146* PC **A04**/MF **A01**

**N85-31485/4**

Silica Aerogel Detector (SAD) Story.
N85-31485/4 **23**-*553,836* PC **A03**/MF **A01**

**N85-31486/2**

Kurzzeitspektroskopische Temperaturmessungen Materialien (Short-Time Spectroscopic Measurement of the Temperature of Solids).
N85-31486/2 **23**-*554,137* PC **A02**/MF **A01**

**N85-31487/0**

Montage Holographique pour la Mesure du Champ des Vitesses d'Eclats Supersoniques a Grande Distance (Holographic Assembly for Measuring Velocity Fields of Supersonic Ballistic Splinters at a Large Distance).
N85-31487/0 **23**-*554,138* PC **A02**/MF **A01**

**N85-31488/8**

Design, Manufacture and Testing of a Medium Accuracy Star Tracker.
N85-31488/8 **23**-*551,984* PC **A06**/MF **A01**

**N85-31489/6**

Development of an Active Laser Gyro for Inertial Rotation Sensing in Attitude/Heading Reference and Inertial Navigation Systems, Phase 1.
N85-31489/6 **23**-*553,807* PC **A08**/MF **A01**

**N85-31490/4**

Time Comparisons Using the Global Positioning System (GPS). Method and First Results Obtained Using the DFVLR C/a Receiver.
N85-31490/4 **23**-*553,808* PC **A02**/MF **A01**

**N85-31497/9**

Analyse Spectro-Temporelle de l'Impulsion d'UN Laser a Colorant Bi-Frequences (Spectral Evolution of the Pulse of a Dual Frequency Dye Laser).
N85-31497/9 **23**-*554,217* PC **A02**/MF **A01**

**N85-31498/7**

Simplified Analytical Model for Calculation of Population Inversion in Channels of CW Gasdynamic Lasers Operating at Various Transitions among Levels Pertaining to Coupled Upsilon 1 and Upsilon 2 Modes of CO2.
N85-31498/7 **23**-*554,218* PC **A02**/MF **A01**

**N85-31499/5**

Requirements for Attaining Treanor's Distribution of Vibrational Energy among CO2 Levels in CW Gasdynamic Laser Flows.
N85-31499/5 **23**-*554,219* PC **A02**/MF **A01**

**N85-31500/0**

Influence of Depolarization of Linear Polarized Radiation on the Heterodyne Detection in Laser Range Finders.
N85-31500/0 **23**-*553,792* PC **A02**/MF **A01**

**N85-31509/1**

Improved Turbopump Dynamics.
N85-31509/1 **23**-*553,590* PC **A02**/MF **A01**

**N85-31511/7**

Effect of Speed and Press Fit on Fatigue Life of Roller-Bearing Inner-Race Contact.
N85-31511/7 **23**-*553,566* PC **A02**/MF **A01**

**N85-31514/1**

Computer-Controlled Traverse Gear for the Oxford Wind Engineering Research Group's 4 Metre X 2 Metre Wind Tunnel.
N85-31514/1 **23**-*553,673* PC **A05**/MF **A01**

**N85-31515/8**

Application of Finite Element Method to the Sizing of Mechanical Parts.
N85-31515/8 **23**-*551,926* PC **A02**/MF **A01**

**N85-31516/6**

Reduced Order Models and Simulation Data in Control Systems Design.
N85-31516/6 **23**-*553,223* PC **A03**/MF **A01**

**N85-31517/4**

Damping of Suspension Oscillations for Stratospheric Balloon Experiments.
N85-31517/4 **23**-*552,038* PC **A02**/MF **A01**

**N85-31521/6**

Description Dune Installation de Controle Non Destructif Par Interferometrie Holographique: Application au Controle des Collages (Description of an Holographic Interferometry Nondestructive Test Installation: Application to Bond Tests).
N85-31521/6 **23**-*553,674* PC **A02**/MF **A01**

**N85-31522/4**

Philosophie du Controle Non Destructif pour le Controle de la Qualite en Aeronautique: Connaissance et Amelioration de la Securite du Controle Non Destructif (Philosophy of Nondestructive Control in Aeronautics Quality Control. Knowledge of and Improvements to Nondestructive Test Safety).
N85-31522/4 **23**-*553,675* PC **A03**/MF **A01**

**N85-31530/7**

Nonlinear Constitutive Relations for High Temperature Application, 1984.
N85-31530/7 **23**-*554,317* PC **A16**/MF **A01**

**N85-31552/1**

Clamped Rectangular Plate Containing a Crack.
N85-31552/1 **23**-*554,296* PC **A03**/MF **A01**

**N85-31557/0**

Etude Numerique de la Rupture Ductile en Deformations Planes (Numerical Study of Ductile Rupture in Plane Deformations).
N85-31557/0 **23**-*554,297* PC **A03**/MF **A01**

**N85-31558/8**

Influence of Moisture and Elevated Temperature on the Fatigue Properties of WTS-3 Glass Fiber Blade Material.
N85-31558/8 **23**-*553,142* PC **A03**/MF **A01**

**N85-31559/6**

Finite Elastic Deformations of Cylindrical and Spherical Shells under Pressure.
N85-31559/6 **23**-*554,298* PC **A02**/MF **A01**

**N85-31561/2**

Load Transfer by Analytical Methods.
N85-31561/2 **23**-*554,299* PC **A03**/MF **A01**

**N85-31562/0**

Influence du Plan de Joint de Matricage sur la Tenue en Fatigue des Alliages 7010 et 7050. Proces-Verbal M1-631600 (Influence of the Molding Joint Plane on the Fatigue Resistance of the Alloys 7010 and 7050. Test Report No. M1-631600).
N85-31562/0 **23**-*553,169* PC **A04**/MF **A01**

**N85-31563/8**

Etude Numerique de la Rupture Ductile en Contraintes Planes (Numerical Study of Tensile Fracture in Plane Stress).
N85-31563/8 **23**-*554,300* PC **A03**/MF **A01**

**N85-31564/6**

In-Service Supervision of a Pressurized Concrete Pressure Vessel.
N85-31564/6 **23**-*554,054* PC **A04**/MF **A01**

**N85-31565/3**

Assessment of Dynamic Test Methods for the Measurement of Fracture Toughness.
N85-31565/3 **23**-*553,170* PC **A05**/MF **A01**

**N85-31566/1**

Moire Interferometric Measurement of Relative Displacements in Dovetail Joints.
N85-31566/1 **23**-*553,529* PC **A02**/MF **A01**

**N85-31567/9**

Stored Energy and Structural Failure.
N85-31567/9 **23**-*554,301* PC **A02**/MF **A01**

**N85-31568/7**

Variation of the Stress Intensity Factor Along the Front of a Surface Flaw.
N85-31568/7 **23**-*554,302* PC **A02**/MF **A01**

**N85-31569/5**

Hopkinson Pressure Bar: An Alternative to the Instrumented Pendulum for Charpy Tests.
N85-31569/5 **23**-*553,676* PC **A02**/MF **A01**

**N85-31570/3**

Inertial Analysis of the Charpy Test.
N85-31570/3 **23**-*553,677* PC **A02**/MF **A01**

**N85-31571/1**

Refinement of the Transverse Shear Deformation Theory for Multilayered Anisotropic Plates.
N85-31571/1 **23**-*553,143* PC **A02**/MF **A01**

**N85-31572/9**

Sullo Studio Dinamico Dei Pannelli Piani Conla Teoria Elastica Non Lineare (Dynamical Study of Flat Plates by Nonlinear Elasticity Theory).
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**N85-31573/7**

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**N85-31729/5**

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N85-31887/1 **23**-*553,230* PC **A03**/MF **A01**

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Overview of Nonlinear Systems Identification.

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**N85-31901/0**
Bivariate Rayleigh Distribution: Formulas and Curves, for Correlation Computing Using the Distribution Function.
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**N85-31902/8**
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N85-31902/8 23-*553,233* PC **A03**/MF **A01**

**N85-31903/6**
Interpretation of Variables.
N85-31903/6 23-*553,234* PC **A03**/MF **A01**

**N85-31904/4**
Choice of Parameterization for Identification.
N85-31904/4 23-*553,235* PC **A04**/MF **A01**

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Wave Propagation and Methods of Solution of the Wave Equation for Moving Disturbances Sources.
N85-31906/9 23-*554,288* PC **A04**/MF **A01**

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Timing of Noise-Sensitive Activities in Residential Areas.
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**N85-31922/6**
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N85-31922/6 23-*554,148* PC **A04**/MF **A01**

**N85-31923/4**
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Study of Requirements for and Method of Multidimensional Acoustic Imaging.
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**N85-31925/9**
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L'Optique Spatiale (Space Optics).
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Investigation into the Use of the TV Magnifier in the Netherlands.
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Role of the Magnetic Field Strength in Critical Ionization Velocity Interaction.
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N85-33172/6 26-*562,063* PC **A04**/MF **A01**

**N85-33173/4**

Testimony of Robert A. Frosch Before the Subcommittee on HUD and Independent Agencies of the Senate Committee on Appropriations.
N85-33173/4 26-*562,064* PC **A02**/MF **A01**

**N85-33174/2**

Statement of Aaron Cohen, Director, Research and Engineering, Johnson Space Center and Chairman, Space Station Advanced Technology Advisory Committee, National Aeronautics and Space Administration, Before the Subcommittee on Science, Technology, and Space, Committee on Commerce, Science, and Transportation, United States Senate.
N85-33174/2 26-*562,065* PC **A02**/MF **A01**

**N85-33175/9**

Space Station Automation Study: Autonomous Systems and Assembly, Volume 2.
N85-33175/9 26-*562,066* PC **A12**/MF **A01**

**N85-33176/7**

Space Robot Simulator Vehicle.
N85-33176/7 26-*562,067* PC **A02**/MF **A01**

**N85-33177/5**

Review of Shock Waves around Aeroassisted Orbital Transfer Vehicles.
N85-33177/5 26-*562,068* PC **A03**/MF **A01**

**N85-33178/3**

Telemetriesystem Zur Uebertragung von Messwerten Aus Geschossen Waehrend der Beschleunigungsphase im Rohr (Telemetry System for the Transmission of Data from Projectiles during the Acceleration Phase in the Gun Barrel).
N85-33178/3 26-*561,679* PC **A02**/MF **A01**

**N85-33179/1**

Research and Development Activities in Unified Control-Structure Modeling and Design.
N85-33179/1 26-*562,069* PC **A03**/MF **A01**

**N85-33180/9**

Research and Development Activities in Unified Control-Structure Modeling and Design.
N85-33180/9 26-*562,070* PC **A03**/MF **A01**

**N85-33181/7**

Deployable-Erectable Trade Study for Space Station Truss Structures.
N85-33181/7 26-*562,071* PC **A09**/MF **A01**

**N85-33183/3**

Etude et Realisation d'UN Systeme de Commande Adapte a la Robotique Spatiale (Study and Realization of a Command System Adapted to Space Robotics).
N85-33183/3 26-*562,072* PC **A08**/MF **A01**

**N85-33184/1**

Design, Development, Testing, Fabrication, Calibration and Integration of a High Resolution Imager (HRI) for the Roentgen Satellite (ROSAT).
N85-33184/1 26-*560,088* PC **A02**/MF **A01**

**N85-33185/8**

Voyager 0.2-Lbf Thruster Valve Assembly Short Pulse Test Report.
N85-33185/8 26-*562,055* PC **A05**/MF **A01**

**N85-33186/6**

Advanced Beamed-Energy and Field Propulsion Concepts.
N85-33186/6 26-*561,943* PC **A23**/MF **A01**

**N85-33187/4**

Synthesis of 2,4,8,10-Tetroxaspiro5,5undecane.
PATENT-4 528 386 26-*560,462* Not available NTIS

**N85-33189/0**

Isotopic Biogeochemistry.
N85-33189/0 26-*560,577* PC **A03**/MF **A01**

**N85-33197/3**

Utilisation de Systemes de Mesure Micro-Onde pour l'Automatisation des Fabrications de Materiaux Composites (Utilization of Microwave Measuring Systems for the Automation of Composite Materials Manufacturing).
N85-33197/3 26-*560,909* PC **A02**/MF **A01**

**N85-33198/1**

Structures Bobinnes en Composite Carbone PSP (Filament Wound Structures in PSP Carbon Composite).
N85-33198/1 26-*560,910* PC **A03**/MF **A01**

**N85-33199/9**

Determination of Organobromide Compounds in Water by Gas Chromatography-Negative Ion Chemical Ionisation Mass Spectrometry.
N85-33199/9 26-*560,521* PC **A02**/MF **A01**

**N85-33200/5**

Relationship between Electronics and Chemistry.
N85-33200/5 26-*561,928* PC **A02**/MF **A01**

**N85-33201/3**

Cryogenic Laser Calorimetry for Impurity Analysis.
N85-33201/3 26-*561,929* PC **A02**/MF **A01**

**N85-33222/9**

Study of Molecular Diffusivity Influence on Mass Transfer Rate at a Water-Atmosphere Interface.
N85-33222/9 26-*560,522* PC **A02**/MF **A01**

**N85-33223/7**

Transition: Combustion-Deflagration-Detonation dans Une Poudre Spherique Confinee (Combustion-Deflagration-Detonation Transition in a Confined Spherical Powder).
N85-33223/7 26-*561,667* PC **A03**/MF **A01**

**N85-33224/5**

Behavior of the Porous Bed in a Combustion-Deflagration-Detonation Transition.
N85-33224/5 26-*561,668* PC **A02**/MF **A01**

**N85-33225/2**

Transition: Combustion-Deflagration-Detonation (Combustion-Deflagration-Detonation Transition).
N85-33225/2 26-*561,669* PC **A02**/MF **A01**

**N85-33226/0**

Gaszusammensetzung und Molekuelgeschwindigkeiten in Expandierenden Detonationsschwaden von Nitropenta (Petn) im Hochvakuum. Massenspektrometrische Untersuchung und Laufzeitanalyse (Gas Composition and Molecule Velocity in the Detonation Products of Pentaerythritol Tetranitrate (Petn) in Expansion in a High Vacuum Container. Analysis by Mass Spectroscopy and Time of Flight Spectrometry).
N85-33226/0 26-*561,670* PC **A04**/MF **A01**

**N85-33248/4**

Experimental Studies of Glass Refining.
N85-33248/4 26-*560,894* PC **A04**/MF **A01**

**N85-33250/0**

Research Study for Gel Precursors as Glass and Ceramic Starting Materials for Space Processing Applications Research.
N85-33250/0 26-*560,895* PC **A03**/MF **A01**

**N85-33272/4**

Sprengstoffe Auf der Basis von Hydrazinnitrat (Hydrazine Nitrate Based Explosives).
N85-33272/4 26-*561,671* PC **A02**/MF **A01**

**N85-33277/3**

Etude d'Evaluation des Concepts de Refrigerateurs Mecaniques Applicables a des Missions Spatiales (Evaluation Study of Mechanical Refrigeration Systems for Application to Space Missions).
N85-33277/3 26-*561,022* PC **A05**/MF **A01**

**N85-33278/1**

Shelter: Description of a Program Code.
N85-33278/1 26-*561,023* PC **A04**/MF **A01**

**N85-33284/9**

Liaisons Par Satellite dans l'Architecture ISO: Modelisation et Evaluation de Performances (Satellite Links in the ISO Architecture: Models and Performance Evaluation).
N85-33284/9 26-*561,324* PC **A08**/MF **A01**

**N85-33285/6**

Un Corpus de Transcriptions Phonetiques: Constitution et Exploitation Statistique (Phonetic Transcription Statistics: Constitution and Statistical Utilization).
N85-33285/6 26-*561,325* PC **A04**/MF **A01**

**N85-33286/4**

Petcom: Uno Strumento Software per l'Analysi di Reti di Petri Orientato Ai Protocolli di Comunicazione (Petcom: A

Software Instrument for the Analysis of Petri Networks, Oriented Towards Communication Protocols).
N85-33286/4 26-*560,691* PC **A05**/MF **A01**

**N85-33287/2**
Introduzione Alle Tecniche Adattative per l'Elaborazione Del Segndle Vocale (Introduction to Adaptive Techniques for Voice Signal Processing).
N85-33287/2 26-*561,326* PC **A02**/MF **A01**

**N85-33288/0**
Sensitivity of Compressive Receivers.
N85-33288/0 26-*561,327* PC **A02**/MF **A01**

**N85-33293/0**
Sixty GHz Impatt Diode Development.
N85-33293/0 26-*560,661* PC **A09**/MF **A01**

**N85-33294/8**
Evaluation of Semiconductor Devices for Electric and Hybrid Vehicle (Ehv) AC-Drive Applications, Volume 2.
N85-33294/8 26-*560,723* PC **A19**/MF **A01**

**N85-33433/2**
Vortex Generating Flow Passage Design for Increased Film Cooling Effectiveness.
PATENT-4 529 358 26-*561,701* Not available NTIS

**N85-33435/7**
Local Heat-Transfer Measurements on a Large, Scale-Model Turbine Blade Airfoil Using a Composite of a Heater Element and Liquid Crystals.
N85-33435/7 26-*561,931* PC **A02**/MF **A01**

**N85-33436/5**
Mixed Pseudospectral/Finite Difference Method for a Thermally Driven Fluid in a Nonuniform Gravitational Field.
N85-33436/5 26-*560,106* PC **A02**/MF **A01**

**N85-33447/2**
Turbulence Modelling for the Prediction of Turbulent Jets, Wakes and Plumes.
N85-33447/2 26-*561,696* PC **A05**/MF **A01**

**N85-33448/0**
Calculation of Two-Dimensional Buoyant Surface Jets with the K-W Model of Turbulence.
N85-33448/0 26-*561,697* PC **A04**/MF **A01**

**N85-33449/8**
Computer and Water-Model Simulation of Flow through Poppet Valves.
N85-33449/8 26-*561,698* PC **A13**/MF **A01**

**N85-33450/6**
Laser Doppler Anemometer (LDA) Measurements in the Turbulent Near-Wake of Blunt Bodies.
N85-33450/6 26-*561,699* PC **A02**/MF **A01**

**N85-33451/4**
Mesures de Vitesse et de Concentration dans les Jets Libres (Measurement of Velocity and Concentration in Free Jets).
N85-33451/4 26-*561,700* PC **A03**/MF **A01**

**N85-33452/2**
Experimental Simulation of in-Bore Flows Using a High Pressure Shock Tube.
N85-33452/2 26-*561,680* PC **A02**/MF **A01**

**N85-33456/3**
Mosaic Infrared Sensor for Space Astronomy (MIRSSA).
N85-33456/3 26-*561,350* PC **A03**/MF **A01**

**N85-33471/2**
Error Evaluation in Measurements with Thermoluminescent Dosimeters.
N85-33471/2 26-*561,406* PC **A03**/MF **A01**

**N85-33472/0**
Holographic Cinematography with the Help of a Pulse YAG Laser.
N85-33472/0 26-*561,307* PC **A02**/MF **A01**

**N85-33474/6**
New Method for Compensating and Measuring Any Motion of Three-Dimensional Objects in Holographic Interferometry.
N85-33474/6 26-*561,283* PC **A02**/MF **A01**

**N85-33485/2**
Expansion Ratio Influence on Population Inversion in CO2/Ar CW Gasdynamic Lasers Operating at Various Transitions within Coupled Upsilon 1 and Upsilon 2 Modes of CO2.
N85-33485/2 26-*561,711* PC **A03**/MF **A01**

**N85-33486/0**
Laserwirkung Auf Undurchsichtige Ziele. Teil 2C. Thermische Wirkungen bei Zeitveraenderlicher Intensitaet (Laser Effects on Opaque Targets. Part 2C. Thermal Effects of a Time-Variable Beam Intensity).
N85-33486/0 26-*561,378* PC **A06**/MF **A01**

**N85-33487/8**
Hole Cutting in Building Frames by Laser.
N85-33487/8 26-*561,182* PC **A03**/MF **A01**

**N85-33488/6**
Lasers a Vapeurs Metalliques et Leurs Applications (Metal Vapor Lasers and Their Applications).
N85-33488/6 26-*561,712* PC **A03**/MF **A01**

**N85-33489/4**
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**N85-33490/2**
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PATENT-4 527 910 26-*562,051* Not available NTIS

**N85-33491/0**
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N85-33491/0 26-*561,204* PC **A06**/MF **A01**

**N85-33506/5**
Harold Hazen and the Theory and Design of Servomechanism.
N85-33506/5 26-*560,980* PC **A03**/MF **A01**

**N85-33507/3**
Reactor Pressure Vessel Steels Asme Sa533b and SA508 C 1 2.
N85-33507/3 26-*561,635* PC **A03**/MF **A01**

**N85-33508/1**
Sonderfuegevertahren fuer Hochschmelzende Metalle (Welding Methods for High Melting Metals).
N85-33508/1 26-*561,183* PC **A02**/MF **A01**

**N85-33510/7**
Etude d'Une Methode de Detection Par Ultrasons des Defauts de Collage dans des Structures en Alliages Legers Collees. Proces Verbal 43-954/F (Study of an Ultrasonic Detection Method to Inspect Bonding Effects in Light Alloy Bonded Structures. Test Report No. 43-954/F).
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**N85-33511/5**
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N85-33512/3 26-*562,073* PC **A17**/MF **A01**

**N85-33537/0**
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N85-33537/0 26-*561,165* PC **A02**/MF **A01**

**N85-33538/8**
Selecting Step Sizes in Sensitivity Analysis by Finite Differences.
N85-33538/8 26-*560,981* PC **A02**/MF **A01**

**N85-33539/6**
Structural Dynamics Model and Response of the Deployable Reference Configuration Space Station.
N85-33539/6 26-*562,074* PC **A05**/MF **A01**

**N85-33540/4**
Elevated Temperature Crack Growth.
N85-33540/4 26-*562,049* PC **A04**/MF **A01**

**N85-33541/2**
Review of Path-Independent Integrals in Elastic-Plastic Fracture Mechanics. Task 4.
N85-33541/2 26-*561,904* PC **A03**/MF **A01**

**N85-33542/0**
Substructure Coupling Procedure Applicable to General Linear Time-Invariant Dynamic Systems.
N85-33542/0 26-*561,905* PC **A05**/MF **A01**

**N85-33543/8**
Substructure Coupling in the Frequency Domain.
N85-33543/8 26-*561,906* PC **A07**/MF **A01**

**N85-33544/6**
Multishaker Modal Testing.
N85-33544/6 26-*561,907* PC **A02**/MF **A01**

**N85-33545/3**
Stresses and Deformations in Cross-Ply Composite Tubes Subjected to a Uniform Temperature Change: Elasticity and Approximate Solutions.
N85-33545/3 26-*561,218* PC **A03**/MF **A01**

**N85-33546/1**
Nonlinear Response and Failure Characteristics of Internally Pressurized Composite Cylindrical Panels.
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Stress Distribution in Pin-Loaded Orthotropic Plates.
N85-33547/9 26-*561,166* PC **A08**/MF **A01**

**N85-33550/3**
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**N85-33551/1**
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N85-33552/9 26-*560,591* PC **A18**/MF **A01**

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**N85-33564/4**
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**N85-33565/1**
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**N85-33566/9**
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N85-33566/9 26-*560,855* PC **A07**/MF **A01**

**N85-33567/7**
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N85-33567/7 26-*560,856* PC **A03**/MF **A01**

**N85-33570/1**
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N85-33570/1 26-*560,857* PC **A05**/MF **A01**

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N85-33615/4 26-*561,056* PC **A02**/MF **A01**

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**N85-33624/6**
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N85-33642/8 26-*560,107* PC **A02**/MF **A01**

**N85-33645/1**
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**N85-33651/9**
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**N85-33693/1**
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N85-33693/1 26-*560,415* PC **A04**/MF **A01**

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**N85-33745/9**
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N85-33745/9 **26**-*560,986* PC **A03**/MF **A01**

**N85-33747/5**
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**N85-33748/3**
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N85-33748/3 **26**-*560,983* PC **A02**/MF **A01**

**N85-33749/1**
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N85-33749/1 **26**-*560,984* PC **A03**/MF **A01**

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**N85-33751/7**
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N85-33751/7 **26**-*560,657* PC **A02**/MF **A01**

**N85-33762/4**
Multiple Collision Solutions for Time-Dependent Neutron Transport in Slabs of Finite Thickness.
N85-33762/4 **26**-*561,883* PC **A03**/MF **A01**

**N85-33763/2**
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N85-33844/0 **26**-*560,089* PC **A03**/MF **A01**

**N85-33845/7**
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N85-33897/8 **26**-*560,094* PC **A02**/MF **A01**

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PATENT-4 537 834 **26**-*560,463* Not available NTIS

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PATENT-4 509 132 **26**-*560,724* Not available NTIS

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PATENT-4 532 797 **26**-*561,293* Not available NTIS

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PATENT-4 538 066 **26**-*561,296* Not available NTIS

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PATENT-4 535 636 **26**-*561,295* Not available NTIS

**N85-34401/8**
Variable Length Strut with Longitudinal Compliance and Locking Capability.
PATENT-4 536 114 **26**-*561,249* Not available NTIS

**N85-34402/6**
Oxidizing Seal for a Turbine Tip Gas Path.
PATENT-4 540 336 **26**-*560,882* Not available NTIS

**N85-34403/4**
Reactant Pressure Differential Control for Fuel Cell Gases.
PATENT-4 509 548 **26**-*560,860* Not available NTIS

**N85-34441/4**
Thermionic Photovoltaic Energy Converter.
PATENT-4 528 417 **26**-*560,861* Not available NTIS

**N85-34629/4**
Ranging System Which Compares an Object Reflected Component of a Light Beam to a Reference Component of the Light Beam.
PATENT-4 533 242 **26**-*561,294* Not available NTIS

**N85-34722/7**
Shuttle Car Loading System.
PATENT-4 537 554 **26**-*560,633* Not available NTIS

**N-611/83**
Controle Holographique des Particules Emises par l'Injecteur TSI 3050 (Holographic Control of Particles Emitted by the TSI 3050 Injector).
PB85-137313 **06**-*513,256* PC **E03**/MF **E03**

**N-615/83**
Conception et Realisation d'un Generateur d'Impulsions Haute Tension de 1,5 MV (Concept and Execution of a High-Voltage Pulse Generator of 1.5 MV).
PB85-137263 **06**-*513,475* PC **E03**/MF **E03**

**N-1547-AID**
Children and Women in Traditional and Cash Crop Agriculture: A Preliminary Cross-Section Study of Economic Development in Guatemala.
PB85-143709 **07**-*514,355* PC **A03**/MF **A01**

**N-1625-RF/AID**
Description of the Household Composition and Income Files Created from the INCAP-Rand (Institute for Nutrition in Central America and Panama-Rand) Guatemalan Survey Data.
PB85-134286 **05**-*510,948* PC **A08**/MF **A01**

**N-1631-AID**
Demand and Supply of Funds Among Agricultural Households.
PB85-101012 **01**-*500,067* PC **A04**/MF **A01**

**N-1638-AID**
Biological and Behavioral Influences on the Mortality of Malaysian Infants.
PB85-147874 **10**-*521,335* PC **A05**/MF **A01**

**N-1639-AID**
Anatomy of a Fertility Decline. Ethnic Differences in the Experience of Malaysian Women, 1950-1976.
PB85-101004 **01**-*500,670* PC **A05**/MF **A01**

**N-1702-AID/RF**
Demographic and Socioeconomic Correlates of Infant Growth in Guatemala.
PB85-102044 **01**-*500,561* PC **A04**/MF **A01**

**N-1763-AID**
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PB85-154078 **10**-*521,170* PC **A03**/MF **A01**

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Children's Economic Contributions in Peninsular Malaysia.
PB85-156164 **10**-*521,350* PC **A04**/MF **A01**

**N-1947-AID**
Expectations of Malaysian Mothers for the Schooling of Their Children.
PB85-146041 **08**-*516,087* PC **A04**/MF **A01**

**N-2041-MD**
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PB85-185601 **17**-*538,089* PC **A06**/MF **A01**

**N-2108-HHS**
Exploring Benefit-Based Finance for Local Government Services. Must User Charges Harm the Disadvantaged.
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**N-2131-NSF**
Scientific and Technical Information Transfer. Issues and Options.
PB85-150357 **07**-*514,437* PC **A06**/MF **A01**

**N-3934-4**
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PB85-169324 **09**-*519,410* PC **A04**/MF **A01**

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PB85-171122 **09**-*519,422* PC **A04**/MF **A01**

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**NAC-83-10**
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**NAC-84-02**
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**NAC-84-03**
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**NAC-84-04**
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Nuclear Waste Management and the Use of the Sea.
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**NADC-84077-60**
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**NADC-84086-30**
Drag Measurements of Long Cables in the Ocean.
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**NADC-84096-60**
Properties of a Retrogressed and Re-Aged 7075 Aluminum Alloy.
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Application of Electrochemical Engineering Methods and Theory to Solving Corrosion and Adhesion Problems with Organic Coatings.
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Improving Inflight Negative Gz Restraint for Aircrewmen.
AD-A151 909/9 **13**-*528,308* PC **A03**/MF **A01**

**NADC-84115-60**
Tight Ribbon Arm Protection (TRAP) for Aircrewman Ejection.
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**NADC-84124-60**
Evaluation of the Alkaline Peroxide Pre-Bond surface Treatment for Titanium.
AD-A147 352/9 **03**-*506,361* PC **A03**/MF **A01**

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Evoked Cortical Responses to Electrical Stimulation of the Ischemic Retina.
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**NADC-84143-60**
Analysis of the Transient Response of Temporal Artery Blood Flow Data Relative to Various Anti-G Suit Pressure Schedules.
AD-A155 242/1 **19**-*542,744* PC **A03**/MF **A01**

**NADC-84162-60**
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**NADC-84167-60**
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Effects of MIL-R-81294 Paint Stripper on AS/3501-6 Graphite/Epoxy Composite Systems.
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**NADC-85029-60**
Corrosion-Preventive Primers for Military Equipment.
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Matched Filtering of Visual Evoked Potentials to Detect Acceleration ( + Gz) Induced Blackout.
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Aircraft Flow Effects on Cloud Droplet Images and Concentrations--Translations.
AD-A146 176/3 **01**-*500,168* PC **A03**/MF **A01**

**NAE-AN-22**
In-Plane Shear Properties of Graphite Fibre/Epoxy Composites for Aerospace Applications: Evaluation of Test Methods by the Decision Analysis Technique--Translation.
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Skin Friction Measurements for Two Relatively Thick Airfoil Sections at High Reynolds Number--Translation.
AD-A150 021/4 **09**-*518,316* PC **A05**/MF **A01**

**NAE-AN-24**
A History of Full-Scale Testing of Aircraft Structures at the National Aeronautical Establishment--Translation.
AD-A151 881/0 **13**-*529,798* PC **A05**/MF **A01**
History of Full-Scale Testing of Aircraft Structures at the National Aeronautical Establishment.
N85-21153/0 **14**-*532,266* PC **A05**/MF **A01**

**NAE-AN-25**
Time Marching Numerical Solution of the Dynamic Response of Nonlinear Systems--Translation.
AD-A151 880/2 **13**-*530,523* PC **A03**/MF **A01**

**NAE-AN-26**
A Preliminary Investigation of Handling Qualities Requirements for Helicopter Instrument Flight during Decelerating Approach Manoeuvers and Overshoot--Translation.
AD-A154 650/6 **18**-*539,659* PC **A03**/MF **A01**
Preliminary Investigation of Handling Qualities Requirements for Helicopter Instrument Flight During Decelerating Approach Maneuvers and Overshoot.
N85-27857/0 **20**-*544,492* PC **A03**/MF **A01**

**NAE-AN-27**
Wind Tunnel Investigation of Dynamic Stall of an NACA 0018 Airfoil Oscillating in Pitch (Étude en Soufflerie du Decrochage Aerodynamique d'un Profil NACA 0018 Oscillant en Tangage).
AD-A154 717/3 **18**-*539,644* PC **A04**/MF **A01**
Wing Tunnel Investigation of Dynamic Stall of an NACA 0018 Airfoil Oscillating in Pitch.
N85-27830/7 **20**-*544,481* PC **A04**/MF **A01**

**NAE-AN-28**
An Introduction to Vortex Breakdown and Vortex Core Bursting--Translation.
AD-A155 324/7 **19**-*542,057* PC **A03**/MF **A01**
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**NAE-LR-615**
A Study of Transonic Flutter of a Two-Dimensional Airfoil Using the U-g and p-k Methods--Translation.
AD-A151 463/7 **12**-*525,851* PC **A04**/MF **A01**

**NAEC-92-181**
Aerostructure Nondestructive Evaluation by Thermal Field Detection. Phase II. Technique Refinement and Quantitative Determination of Flaw Detection Capabilities.
AD-A149 622/3 **09**-*519,361* PC **A10**/MF **A01**

**NAEC-92-185**
Sample Introduction Methods for Improving the Particle Detection Capability of the Spectrometric Oil Analysis Program.
AD-A150 139/4 **10**-*521,669* PC **A09**/MF **A01**

**NAF-AN-25**
Time Marching Numerical Solution of the Dynamic Response of Nonlinear Systems.
N85-21696/8 **14**-*532,699* PC **A03**/MF **A01**

**NAK-TR-86**
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**NAL-TR-680**
New Method of Evaluating the Side Wall Interference Effect on Airfoil Angle of Attack by Suction from the Side Walls.
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**NAL-TR-753**
Tensile Test of Pressureless-Sintered Silicon Nitride at Elevated Temperature.
N85-17390/4 **11**-*524,432* PC **A03**/MF **A01**

**NAL-TR-795T**
Integral Equation of Lifting Surfaces in Laplace Domain and Analytic Continuation of Its Pressure Kernel.
N85-10009/7 **03**-*505,277* PC **A03**/MF **A01**

**NAL-TR-796**
Study of Aerodynamic Characteristics of Wing-Body Combinations. Part 2: Low-Wing Airplane.
N85-10010/5 **03**-*505,278* PC **A02**/MF **A01**

**NAL-TR-797**
Optimum Design of Nonplanar Wings: Minimum Induced Drag for a Given Lift and Wing Root Bending Moment.
N85-10011/3 **03**-*505,279* PC **A02**/MF **A01**

**NAL-TR-798**
Properties of Plane Turbulent Buoyant Jet.
N85-10304/2 **03**-*507,309* PC **A02**/MF **A01**

**NAL-TR-799**
Numerical Analysis of the 3-Dimensional Inviscid Hypersonic Flow around Capsule-Type Bodies by the Alternate Directional Implicit Method.
N85-10012/1 **03**-*505,280* PC **A03**/MF **A01**

**NAL-TR-800**
Experiments on Residual Thrust and Prediction for Upper-Stage Solid Propellant Rockets.
N85-12087/1 **06**-*514,294* PC **A03**/MF **A01**

**NAL-TR-801**
High Pressure Combustion Test Facility for Gas Turbine Research.
N85-14845/0 **09**-*519,822* PC **A03**/MF **A01**
High Pressure Combustion Test Facility for Gas Turbine Research.
N85-18065/1 **12**-*528,243* PC **A03**/MF **A01**
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PB85-171957 **13**-*530,575* PC **E04**/MF **E01**

**NAL-TR-802T**
Further Developments of a Nongradient Theory of Premixed Turbulent Flames.
N85-10143/4 **03**-*507,781* PC **A02**/MF **A01**

**NAL-TR-803**
Vibration Analysis of a Multipurpose Platform.
N85-14854/2 **09**-*520,934* PC **A03**/MF **A01**
Vibration Analysis of a Multipurpose Platform.
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Vibration Analysis of a Multipurpose Platform.
PB85-171965 **13**-*530,731* PC **E04**/MF **E01**

**NAL-TR-804**
Some Considerations on Aeroelastic Instabilities Caused by Coupling Between Propeller-Type Rotor and Its Supporting Structure.
N85-10013/9 **03**-*505,281* PC **A02**/MF **A01**

**NAL-TR-805**
Catalyzed Low Burning Rate Propellants for Upper-Stage Solid Rocket Motor.
N85-12181/2 **06**-*514,297* PC **A02**/MF **A01**

**NAL-TR-806**
Study on Dynamic Characteristics of Liquid Oxygen Pumps for Rocket Engines.
N85-12088/9 **06**-*514,295* PC **A02**/MF **A01**

**NAL-TR-807**
Theory of the Orbital Motion of an Artificial Earth Satellite.
N85-14847/6 **09**-*520,928* PC **A04**/MF **A01**
Theory of the Orbital Motion of an Artificial Earth Satellite.
N85-18075/0 **12**-*528,272* PC **A04**/MF **A01**
Theory of the Orbital Motion of an Artificial Earth Satellite.
PB85-171940 **13**-*530,734* PC **E04**/MF **E01**

**NAL-TR-808**
Theory of Elastic Modulus of Fabric Composites and its Examination by Experiments.
N85-10133/5 **03**-*506,406* PC **A02**/MF **A01**

**NAL-TR-809T**
Distributions of Fatigue Life and Fatigue Strength in Notched Specimens of a Carbon 8-Harness-Satin Laminate.
N85-10407/3 **03**-*506,407* PC **A02**/MF **A01**

**NAL-TR-810**
Thermal Deformation Measurements of Heat-Resistant Structural Materials for Aircraft by Electro Optical Displacement Transducer.
N85-12092/1 **06**-*513,543* PC **A02**/MF **A01**

**NAL-TR-811**
Data Processing System of the NAL (National Aerospace Laboratory) 2m x 2m Transonic Wind Tunnel.
PB85-231769 **23**-*553,705* PC **E05**/MF **E01**

**NAL-TR-812**
Characteristics of Controlled-Oscillating Annular Cascade Test Facility with Freon Gas.
N85-10014/7 **03**-*505,282* PC **A02**/MF **A01**

**NAL-TR-813**
Program for Solution of BCMP Queueing Network Model.
N85-12585/4 **06**-*513,441* PC **A03**/MF **A01**

**NAL-TR-814**
Experimental Study on the Induced Normal Force on Tail-Fins Due to Wing-Tail Interference.
N85-12051/7 **06**-*512,657* PC **A02**/MF **A01**

**NAL-TR-815T**
Monte Carlo Simulation of Thermalization of Subexcitation Electrons in Molecular Hydrogen.
N85-10798/5 **03**-*505,888* PC **A02**/MF **A01**

**NAL-TR-816**
Development of the Code NSFOIL for Analyzing High Reynolds Number Transonic Flow around an Airfoil.
N85-14801/3 **09**-*518,326* PC **A03**/MF **A01**

**NAL-TR-817**
Flight Test Results on Stall Characteristics of a Large Jet Transport.
N85-14835/1 **09**-*518,341* PC **A02**/MF **A01**

**NAL-TR-818**
Wear of Anodic Oxide Films on Aluminum Alloys in Cryogenic Liquids.
N85-14914/4 **09**-*519,358* PC **A02**/MF **A01**

**NAL/TR-819**
Navier-Stokes Solution of Three-Dimensional Hypersonic Afterbody Flowfields over Capsule-Type Vehicles.
PB85-231801 **23**-*551,899* PC **E04**/MF **E01**

**NAL-TR-821**
Study on a Medium-Sized Rocket with Burnout Frame.
N85-14863/3 **09**-*520,174* PC **A04**/MF **A01**

Study on a Medium-Sized Rocket with Burnout Frame.
N85-18082/6 **12**-*526,034* PC **A04**/MF **A01**

**NAL-TR-822**
Thermodynamical Characteristics of Heat Storage Reactors Using Metal Hydrides.
N85-15524/0 **09**-*518,934* PC **A02**/MF **A01**

**NAL-TR-823**
Improvement of the Transient Response in the Finite Settling Time Control.
N85-14843/5 **09**-*518,354* PC **A02**/MF **A01**

**NAL-TR-824**
Fractographic Observation and Estimation of Crack Growth Curve of Aluminum Alloy under Random Flight Simulation Loading.
N85-14913/6 **09**-*519,408* PC **A02**/MF **A01**

**NAL-TR-825**
Verification of a Computer Program for Vibration Analysis of Composite Wing Cores.
N85-15187/6 **09**-*520,686* PC **A02**/MF **A01**

**NAL-TR-826**
Properties of a Round Turbulent Buoyant Jet.
N85-15136/3 **09**-*520,214* PC **A02**/MF **A01**

**NAL-TR-827**
Experimental Study on Transonic Flutter Characteristics of Sweptback Wing with Core Composite Plates Having Different Fiber Orientations.
N85-14842/7 **09**-*518,329* PC **A02**/MF **A01**

**NAL-TR-828**
Low-Speed Wind Tunnel Tests of the Nal Fan-Jet STOL Research Aircraft Model with Ground Simulation by Tangential Blowing.
N85-18976/9 **13**-*528,291* PC **A06**/MF **A01**

**NAL-TR-829**
Wall Interference Estimation of the Nal's Two-Dimensional Wind Tunnel.
N85-18992/6 **13**-*529,820* PC **A02**/MF **A01**

**NAL-TR-830**
Theoretical Design Method for 3-Dimensional Transonic Wings.
N85-14834/4 **09**-*518,340* PC **A02**/MF **A01**

**NAL-TR-831**
Analysis of Inviscid Transonic Flow around an Airfoil by Diagonal Form of Iaf Scheme.
N85-18955/3 **13**-*528,285* PC **A02**/MF **A01**

**NAL-TR-832**
Study of Air Breathing Rockets. Part 4. Direct Fuel Injection into a Secondary Combustor.
N85-18083/4 **12**-*528,256* PC **A02**/MF **A01**

**NAL-TR-833**
Research and Development for Semi-Spherical Inflow Control Device.
N85-18056/0 **12**-*528,240* PC **A02**/MF **A01**

**NAL-TR-834T**
Monte Carlo Simulation of Electron Thermalization in Rare Gases.
N85-18643/5 **12**-*526,704* PC **A02**/MF **A01**

**NAL-TR-835**
Calculations for Aerodynamic Characteristics on a 3-D Lifting Body in a Subsonic Flow Using Boundary Element Method.
N85-17998/4 **12**-*525,855* PC **A03**/MF **A01**

**NAL-TR-836-PT2**
Flow Quality of Nal 2-Dimensional Transonic Wind Tunnel. Part 2. Extensive and Systematic Pressure Fluctuations Study in the Settling Chamber, Test Section and Second Throat of the Nal 2-D Transonic Wind Tunnel.
N85-18066/9 **12**-*527,483* PC **A03**/MF **A01**

**NAL-TR-837T**
Partial Bleed Expander Cycle for Low Thrust LOX/LH2 Rocket Engine.
N85-19018/9 **13**-*530,691* PC **A02**/MF **A01**

**NAL-TR-838**
Experimental Study of Aerodynamic Damping Characteristics of a Compressor Annular Cascade in High Speed Flow and the Visualization of Annular Cascade Flow.
N85-25759/0 **18**-*539,656* PC **A02**/MF **A01**

Experimental Study of Aerodynamic Damping Characteristics of a Compressor Annular Cascade in High Speed Fow and the Visualization of Annular Cascade Flow.
PB85-230308 **24**-*554,555* PC **E04**/MF **E01**

**NAL-TR-839T**
Limiting Factor of Flame Propagation in Mono-Sized Sprays of Low-Volatility Fuels.
N85-25538/8 **18**-*542,004* PC **A02**/MF **A01**

**NAL-TR-840**
Effect of Air Holes on Combustor Liner Wall Temperature Profile: Experiments.
N85-25443/1 **18**-*541,917* PC **A03**/MF **A01**

**NAL-TR-841**
Stability Calculations of the Two-Dimensional Boundary Layer Along a Concave Wall: Part 1. A Numerical Method of Solution for the Simultaneous Ordinary Differential Equations Governing Disturbances.
N85-25758/2 **18**-*541,683* PC **A02**/MF **A01**

**NAL-TR-842-PT-3**
Flow Quality of National Aerospace Laboratory Two-Dimensional Transonic Wind Tunnel. Part 3. Flow Turbulence Level and Measuring Method.
N85-28952/8 **21**-*548,686* PC **A03**/MF **A01**

**NAL-TR-843T**
Monte Carlo Simulation of Thermalization of Subexcitation Electrons in He, Ne, Ar, Kr and Xe.
N85-29702/6 **21**-*547,771* PC **A02**/MF **A01**

**NAL-TR-844**
Study on a Flexure Hinged Pendulum Accelerometer.
N85-29220/9 **21**-*548,688* PC **A02**/MF **A01**

**NAL-TR-845**
Method of Determining the Suction Velocity for Laminar Flow Control of Two-Dimensional Airfoil in Incompressible Flow.
N85-28925/4 **21**-*547,196* PC **A02**/MF **A01**

**NAL-TR-847**
Power Effecient Operation of the 2M X 2M Transonic Wind Tunnel at the National Aerospace Laboratory.
N85-28953/6 **21**-*548,687* PC **A02**/MF **A01**

**NAL-TR-848T**
Effective Specific Impulse of Secondary Flow Injected into a Rocket Nozzle.
N85-28970/0 **21**-*549,250* PC **A02**/MF **A01**

**NAL-TR-849T**
Numerical Simulation of Unsteady Motion in a Turbulent Mixing Layer.
N85-29183/9 **21**-*549,026* PC **A02**/MF **A01**

**NAL-TR-850**
Numerical Analysis of End Effects in Symmetric Laminated Plates.
N85-28977/5 **21**-*548,125* PC **A02**/MF **A01**

**NAL-TR-8201**
Active Nutation Control of Spacecraft Using a Magnetic Bearing Momentum Wheel with Vernier Gimballing Capability.
N85-14857/5 **09**-*520,925* PC **A02**/MF **A01**

**NAMRL-MONOGRAPH-31**
Levels of Processing Conceptualization of Human Memory: Some Empirical and Theoretical Issues.
AD-A152 321/6 **14**-*531,157* PC **A03**/MF **A01**

**NAMRL-SR-84-1**
Design Guide for Nonspeech Auditory Displays.
AD-A152 322/4 **14**-*531,090* PC **A03**/MF **A01**

**NAMRL-SR-84-2**
Some Critical Factors that Limit the Effectiveness of Machine Intelligence Technology in Military Systems Applications.
AD-A150 684/9 **11**-*523,701* PC **A02**/MF **A01**

**NAMRL-SR-85-1**
Development of a Navy Hearing Conservation Management Information System (HECMIS).
AD-A152 518/7 **14**-*531,011* PC **A03**/MF **A01**

**NAMRL-SR-85-3**
Technical Evaluation of the Naval Automated Pilot Aptitude Measurement System (NAPAMS).
AD-A152 361/2 **14**-*531,125* PC **A02**/MF **A01**

**NAMRL-1309**
Interference Effects of Vocalization on Dual Task Performance.
AD-A150 687/2 **11**-*524,867* PC **A02**/MF **A01**

**NAMRL-1310**
Dual-Task Timesharing Using a Projected Attitude Display (Malcolm Horizon).
AD-A150 789/6 **11**-*523,248* PC **A02**/MF **A01**

**NAMRL-1311**
Development Factors and Field Dependence-Independence.
AD-A152 337/2 **14**-*530,960* PC **A02**/MF **A01**

**NAMRU-ACC-1357**
Schistosomiasis and Praziquantel.
AD-A148 385/8 **05**-*511,120* PC **A02**/MF **A01**

**NAMRU-ACC-1361**
Ticks of Saudi Arabia Argas (Persicargas) streptopelia (Fam. Argasidae), a Parasite of Doves in Saudi Arabia.
AD-A148 473/2 **05**-*510,975* PC **A02**/MF **A01**

**NAMRU-ACC-1368**
The Subgenus Persicargas (Ixodoidea: Argasidae: Argas). 38. Haller's Organ Roof and Anterior Pit Setae in Persicargas and Microargas.
AD-A148 099/5 **04**-*508,424* PC **A02**/MF **A01**

**NAMRU-ACC-1376**
Lymphocyte Antigens and Receptors.
AD-A150 213/7 **10**-*521,452* PC **A02**/MF **A01**

**NAMRU-ACC-1377**
Treatment of Hymenolepis nana with a Single Oral Dose of Praziquantel.
AD-A150 212/9 **10**-*521,451* PC **A02**/MF **A01**

**NAMRU-ACC-1378**
Ornithodoros (Alectorobius) Yunkeri, New Species (Acari: Ixodoidea:Argasidae) from Seabirds and Nesting Sites in the Galapagos Islands.
AD-A149 856/7 **10**-*521,768* PC **A02**/MF **A01**

**NAMRU-ACC-1381**
Borrelia crocidurae Localization and Transmission in Ornithodoros Erraticus and O. (Ornithodoros) savignyi.
AD-A150 211/1 **10**-*521,598* PC **A02**/MF **A01**

**NAMRU-ACC-1382**
Ticks and Tickborne Viruses.
AD-A150 186/5 **10**-*521,448* PC **A02**/MF **A01**

**NAMRU-ACC-1384**
Treatment of Bilharzial Obstructive Uropathy with Praziquantel.
AD-A150 187/3 **10**-*521,449* PC **A02**/MF **A01**

**NAMRU-2-TR-971**
Hybridization between Brugia malayi and Brugia pahangi from South Kalimantan, Indonesia.
AD-A147 612/6 **04**-*508,469* PC **A02**/MF **A01**

**NAMRU-2-TR-955**
Infectious Disease Risks to Transmigrant Communities in Indonesia: A Survey in Lampung Province, Sumatra.
AD-A147 932/8 **04**-*508,491* PC **A02**/MF **A01**

**NAMRU-2-TR-959**
Recent Advances in the Immunoprophylaxis of Parasitic Diseases.
AD-A147 670/4 **04**-*508,474* PC **A02**/MF **A01**

**NAMRU-2-TR-960**
Prolonged Incubation Improves the Micro-Scale in-vitro Test for Drug Sensitivity of Plasmodium falciparum.
AD-A148 140/7 **04**-*508,501* PC **A02**/MF **A01**

**NAMRU-2-TR-961**
Intestinal Capillariasis in the Philippines and Thailand.
AD-A147 671/2 **04**-*508,475* PC **A03**/MF **A01**

**NAMRU-2-TR-962**
Duodenal String-Capsule Culture Compared with Bone-Marrow, Blood, and Rectal-Swab Cultures for Diagnosing Typhoid and Paratyphoid Fever.
AD-A147 944/3 **04**-*508,493* PC **A02**/MF **A01**

**NAMRU-2-TR-963**
Bancroftian filariasis: Wuchereria bancrofti Infection in the Silvered Leaf Monkey (Presbytis cristatus).
AD-A148 340/3 **05**-*511,014* PC **A02**/MF **A01**

**NAMRU-2-TR-964**
Reduction of Suppressor T Lymphocytes in the Tropical Splenomegaly Syndrome.
AD-A147 898/1 **04**-*508,486* PC **A02**/MF **A01**

**NAMRU-2-TR-965**
Studies on Trypanosomes in the Taiwan Monkey.
AD-A148 087/0 **04**-*508,500* PC **A02**/MF **A01**

**NAMRU-2-TR-966**
A Rapid Method to Identify Vibrio cholerae in Primary Culture by Coagglutination.
AD-A147 931/0 **04**-*508,490* PC **A02**/MF **A01**

**NAMRU-2-TR-968**
HLA (Human Leucocyte Antigens) Antigens and Malaria at San Lazaro Hospital, Manila, Philippines.
AD-A148 063/1 **04**-*508,497* PC **A02**/MF **A01**

**NAMRU-2-TR-969**
Reduction of Mortality in Chloramphenicol-Treated Severe Typhoid Fever by High-Dose Dexamethasone.
AD-A147 669/6 **04**-*508,473* PC **A02**/MF **A01**

**NAMRU-2-TR-970**
Reduction of Mortality in Chloramphenicol-Treated Patients with Severe Typhoid Fever by High Dose Dexamethasone.
AD-A147 613/4 **04**-*508,470* PC **A02**/MF **A01**

**NAMRU-2-TR-972**

Subcutaneous and Cerebral Cysticercosis Treated with Praziquantel.
AD-A147 793/4 **04**-*508,482* PC **A02**/MF **A01**

**NAMRU-2-TR-973**

Comparative Study of Three Blood Culture Systems for Isolation of Enteric Fever Salmonella,
AD-A147 824/7 **04**-*508,483* PC **A02**/MF **A01**

**NAMRU-2-TR-974**

Susceptibility of Oncomelania hupensis Subspecies to Infection with Geograpic Strains of Schistosoma japonicum.
AD-A147 790/0 **04**-*508,480* PC **A02**/MF **A01**

**NAMRU-2-TR-975**

A Survey of Adult Mosquitoes on Lombok Island, Republic of Indonesia.
AD-A157 179/3 **23**-*552,227* PC **A02**/MF **A01**

**NAMRU-2-TR-976**

Plesiomonas shigelloides in 11 Cases with Diarrhea at the San Lazaro Hospital.
AD-A157 181/9 **23**-*552,250* PC **A02**/MF **A01**

**NAMRU-2-TR-977**

A Case of Subcutaneous and Cerebral Cysticercosis Treated with Praziquantel.
AD-A157 049/8 **23**-*552,239* PC **A02**/MF **A01**

**NAMRU-2-TR-978**

Changing Patterns of Some Trematode Infections in Asia.
AD-A157 177/7 **23**-*552,248* PC **A02**/MF **A01**

**NAMRU-2-TR-979**

Studies of Resistance to Chloroquine, Quinine, Amodiaquine and Mefloquine among Philippine Strains of Plasmodium falciparum.
AD-A157 178/5 **23**-*552,367* PC **A02**/MF **A01**

**NAMRU-2-TR-980**

Autochthonous Cutaneous-Subcutaneous Leishmaniasis on Taiwan.
AD-A157 180/1 **23**-*552,249* PC **A02**/MF **A01**

**NAMRU-3-ACC-1360**

Chronic Hepatitis B in Patients with Schistosomiasis Mansoni.
AD-A148 410/4 **05**-*511,015* PC **A02**/MF **A01**

**NAMRU-3-ACC-1362**

Ticks of Saudi Arabia Hyalomma (Hyalommina) arabica (Fam. Ixodidae), a Parasite of Goats and Sheep in Saudi Arabia.
AD-A148 364/3 **05**-*510,973* PC **A02**/MF **A01**

**NAMRU-3-ACC-1364**

Physiology of Ticks: Book Review.
AD-A148 218/1 **05**-*510,972* PC **A02**/MF **A01**

**NAMRU-3-ACC-1367**

Observations on the Subgenus Argas (Ixodoidea: Argasidae: Argas). 18. Haller's Organ Roof and Anterior Pit Setae.
AD-A148 148/0 **04**-*508,425* PC **A02**/MF **A01**

**NAMRU-3-ACC-1369**

Hosts and Distribution of the Bird-Parasitizing Tick Ixodes (Ixodes) eupiecti in Africa.
AD-A148 149/8 **04**-*508,426* PC **A02**/MF **A01**

**NAMRU-3-ACC-1370**

Meningitis: Clinical and Diagnostic Features.
AD-A148 142/3 **04**-*508,502* PC **A02**/MF **A01**

**NAMRU-3-ACC-1371**

An Experimental Study of Rift Valley Fever Virus in Common Egyptian Ixodid Ticks.
AD-A148 177/9 **04**-*508,507* PC **A02**/MF **A01**

**NAMRU-3-ACC-1372**

Dermacentor (Indocentor) Auratus (Acari Ixodoidea: Ixodidae): Identity of Male and Female.
AD-A148 197/7 **05**-*510,971* PC **A02**/MF **A01**

**NAMRU-3-ACC-1373**

Dermacentor (Indocentor) compactus (Acari:Ixodoidea:Ixodidae): Wild Pigs and Other Hosts and Distribution in Malaysia, Indonesia, and Borneo.
AD-A149 141/4 **08**-*516,146* PC **A02**/MF **A01**

**NAMRU-3-ACC-1374**

Beta-Ecdysone Effects on the Camel Tick, Hyalomma dromedarii (Acari:Ixodidae).
AD-A148 827/9 **06**-*513,032* PC **A02**/MF **A01**

**NAMRU-3-ACC-1379**

Abdominal Circumference at the Hump as an Index of Body Weight in Dromedary Camels.
AD-A150 206/1 **10**-*521,408* PC **A02**/MF **A01**

**NAMRU-3-ACC-1380**

Fecundity-Reducing Pheromone in Argas(Periscargas) arboreus (Ixodoidea:Argaside).
AD-A149 857/5 **10**-*521,555* PC **A02**/MF **A01**

**NAMRU-3-ACC-1387**

Nuttalliella namaqua (Ixodoidea: Nuttalliellidae): Female Internal Morphology.
AD-A150 168/3 **10**-*521,406* PC **A02**/MF **A01**

**NAMRU-3-PR.11/84**

Schistosomiasis and Praziquantel.
AD-A148 385/8 **05**-*511,120* PC **A02**/MF **A01**

**NAMRU-3-PR-12/84**

Chronic Hepatitis B in Patients with Schistosomiasis Mansoni.
AD-A148 410/4 **05**-*511,015* PC **A02**/MF **A01**

**NAMRU-3-PR-13/84**

Ticks of Saudi Arabia Argas (Persicargas) streptopelia (Fam. Argasidae), a Parasite of Doves in Saudi Arabia.
AD-A148 473/2 **05**-*510,975* PC **A02**/MF **A01**

**NAMRU-3-PR-14/84**

Ticks of Saudi Arabia Hyalomma (Hyalommina) arabica (Fam. Ixodidae), a Parasite of Goats and Sheep in Saudi Arabia.
AD-A148 364/3 **05**-*510,973* PC **A02**/MF **A01**

**NAMRU-3-PR-15/84**

Physiology of Ticks: Book Review.
AD-A148 218/1 **05**-*510,972* PC **A02**/MF **A01**

**NAMRU-3-PR-16/84**

Observations on the Subgenus Argas (Ixodoidea: Argasidae: Argas). 18. Haller's Organ Roof and Anterior Pit Setae.
AD-A148 148/0 **04**-*508,425* PC **A02**/MF **A01**

**NAMRU-3-PR-18/84**

Hosts and Distribution of the Bird-Parasitizing Tick Ixodes (Ixodes) eupiecti in Africa.
AD-A148 149/8 **04**-*508,426* PC **A02**/MF **A01**

**NAMRU-3-PR-19/84**

Meningitis: Clinical and Diagnostic Features.
AD-A148 142/3 **04**-*508,502* PC **A02**/MF **A01**

**NAMRU-3-PR-20/84**

An Experimental Study of Rift Valley Fever Virus in Common Egyptian Ixodid Ticks.
AD-A148 177/9 **04**-*508,507* PC **A02**/MF **A01**

**NAMRU-3-PR-21/84**

Dermacentor (Indocentor) Auratus (Acari Ixodoidea: Ixodidae): Identity of Male and Female.
AD-A148 197/7 **05**-*510,971* PC **A02**/MF **A01**

**NAMRU-3-PR-22/84**

Dermacentor (Indocentor) compactus (Acari:Ixodoidea:Ixodidae): Wild Pigs and Other Hosts and Distribution in Malaysia, Indonesia, and Borneo.
AD-A149 141/4 **08**-*516,146* PC **A02**/MF **A01**

**NAMRU-3-PR-23/84**

Beta-Ecdysone Effects on the Camel Tick, Hyalomma dromedarii (Acari:Ixodidae).
AD-A148 827/9 **06**-*513,032* PC **A02**/MF **A01**

**NAMRU-3-PR-24/84**

Lymphocyte Antigens and Receptors.
AD-A150 213/7 **10**-*521,452* PC **A02**/MF **A01**

**NAMRU-3-PR-25/84**

Treatment of Hymenolepis nana with a Single Oral Dose of Praziquantel.
AD-A150 212/9 **10**-*521,451* PC **A02**/MF **A01**

**NAMRU-3-PR-26/84**

Ornithodoros (Alectorobius) Yunkeri, New Species (Acari: Ixodoidea:Argasidae) from Seabirds and Nesting Sites in the Galapagos Islands.
AD-A149 856/7 **10**-*521,768* PC **A02**/MF **A01**

**NAMRU-3-PR-27/84**

Abdominal Circumference at the Hump as an Index of Body Weight in Dromedary Camels.
AD-A150 206/1 **10**-*521,408* PC **A02**/MF **A01**

**NAMRU-3-PR 28/84**

Fecundity-Reducing Pheromone in Argas(Periscargas) arboreus (Ixodoidea:Argaside).
AD-A149 857/5 **10**-*521,555* PC **A02**/MF **A01**

**NAMRU-3-PR-29/84**

Borrelia crocidurae Localization and Transmission in Ornithodoros Erraticus and O. (Orinithodoros) savignyi.
AD-A150 211/1 **10**-*521,598* PC **A02**/MF **A01**

**NAMRU-3-PR-30/84**

Ticks and Tickborne Viruses.
AD-A150 186/5 **10**-*521,448* PC **A02**/MF **A01**

**NAMRU-3-PR-32/84**

Treatment of Bilharzial Obstructive Uropathy with Praziquantel.
AD-A150 187/3 **10**-*521,449* PC **A02**/MF **A01**

**NAMRU-3-PR-33/84**

Nuttalliella namaqua (Ixodoidea: Nuttalliellidae): Female Internal Morphology.
AD-A150 168/3 **10**-*521,406* PC **A02**/MF **A01**

**NAMRU-17/84**

The Subgenus Persicargas (Ixodoidea: Argasidae: Argas). 38. Haller's Organ Roof and Anterior Pit Setae in Persicargas and Microargas.
AD-A148 099/5 **04**-*508,424* PC **A02**/MF **A01**

**NAPC-PE-94-C**

Effect of Asperity Interactions on Scuffing.
AD-A146 544/2 **01**-*502,599* PC **A07**/MF **A01**

**NAPC-PE-107C**

Evaluation of Jet Fuel Deposit Kinetics. Lot IV.
AD-A147 196/0 **03**-*507,786* PC **A03**/MF **A01**

**NAS-CR-168286**

Positive Displacement Compounding of a Heavy Duty Diesel Engine.
DE85009879 **20**-*547,162* PC **A06**/MF **A01**

**NAS-SR-1000**

National Airspace System, System Requirements Specification.
AD-A157 944/0 **24**-*554,591* PC **A10**/MF **A01**

**NAS 1.15:58260-PT-1**

Fundamental Remote Sensing Science Research Program. Part 1: Status Report of the Mathematical Pattern Recognition and Image Analysis Project.
N85-11417/1 **04**-*509,115* PC **A03**/MF **A01**

**NAS 1.15:58263**

Research and Technology, Lyndon B. Johnson Space Center.
N85-17929/9 **11**-*523,610* PC **A05**/MF **A01**

**NAS 1.15:58264**

Design Study of an Integrated Aerobraking Orbital Transfer Vehicle.
N85-21262/9 **14**-*532,886* PC **A03**/MF **A01**

**NAS 1.15:58265**

Statistical Comparison of Pooled Nitrogen Washout Data of Various Altitude Decompression Response Groups.
N85-26278/0 **18**-*540,234* PC **A02**/MF **A01**

**NAS 1.15:58266**

3-Dimensional Navier-Stokes-Euler Code for Blunt-Body Flow Computations.
N85-25211/2 **18**-*541,679* PC **A03**/MF **A01**

**NAS 1.15:58268**

Spacelab 1 Hematology Experiment (INS103): Influence of Space Flight on Erythrokinetics in Man.
N85-33693/1 **26**-*560,415* PC **A04**/MF **A01**

**NAS 1.15:72661-V-8**

Space Shuttle Orbiter Trimmed Center-of-Gravity Extension Study. Volume 8: Effects of Configuration Modifications on the Aerodynamic Characteristics of the 140 a/B Orbiter at a Mach Number of 5.97.
N85-12867/6 **07**-*515,712* PC **A04**/MF **A01**

Space Shuttle Orbiter Trimmed Center-of-Gravity Extension Study. Volume 8: Effects of Configuration Modifications on the Aerodynamic Characteristics of the 140 A/B Orbiter at a Mach Number of 5.97.
N85-13775/0 **08**-*518,309* PC **A04**/MF **A01**

**NAS 1.15:72661-V-9**

Space Shuttle Orbiter Trimmed Center-of-Gravity Extension Study. Volume 9: Effects of Configuration Modifications on the Aerodynamic Characteristics of the 140 a/B Orbiter at Mach Numbers of 1.5, 2.0, and 2.5.
N85-18956/1 **13**-*530,717* PC **A05**/MF **A01**

**NAS 1.15:76765**

Structures and the Role of an International Agency for the Control of Satellites.
N85-12806/4 **06**-*512,846* PC **A02**/MF **A01**

**NAS 1.15:76976**

Ultrastructural Alterations in Skeletal Muscle Fibers of Rats after Exercise.
N84-34117/1 **01**-*500,866* PC **A02**/MF **A01**

**NAS 1.15:77397**

Effects of Applied Pressure on Hot-Pressing of beta-SIC.
N84-33593/4 **01**-*501,504* PC **A02**/MF **A01**

**NAS 1.15:77413**

Microscopic Aspects of the Effect of Friction Reducers at the Lubrication Limit.
N85-12354/5 **06**-*513,620* PC **A06**/MF **A01**

**NAS 1.15:77414**

Research on Oxidation by Air and Tempering of Raney Nickel Electrocatalysts for the H2 Anodes of Alkali Combustion Materials Cells.
N84-33535/5 **01**-*501,490* PC **A06**/MF **A01**

**NAS 1.15:77416**

Microstructure and Properties of Ceramics.
N85-12155/6 **06**-*513,514* PC **A03**/MF **A01**

**NAS 1.15:77420**

Application of Quantitative Microscopy to Ceramics.
N84-34618/8 **02**-*504,034* PC **A03**/MF **A01**

**NAS 1.15:77422**

Sintering Behavior of Ultrafine Silicon Carbide Powders Obtained by Vapor Phase Reaction.
N85-12161/4 **06**-*513,518* PC **A03**/MF **A01**

**NAS 1.15:77423**

Microstructure of Ceramics Fabricated by Unidirectional Solidification.
N85-12157/2 **06**-*513,516* PC **A02**/MF **A01**

**NAS 1.15:77429**

Oxidation Resistance of Silicon Ceramics.
N85-15898/8 **10**-*522,082* PC **A02**/MF **A01**

**NAS 1.15:77434**

Ceramic Powder for Sintering Materials.
N85-12160/6 **06**-*513,517* PC **A02**/MF **A01**

**NAS 1.15:77437**

Ceramic Fabrication Process Before Firing-Surface Treatment of Ceramic Powder.
N85-17129/6 **11**-*524,431* PC **A02**/MF **A01**

**NAS 1.15:77448**
Heat Transfer Characteristics of Regenerator Matrix (Case of Packed Wire Gauzes).
N84-34693/1 **02**-*505,227* PC **A03**/MF **A01**

**NAS 1.15:77461**
Balloon Test Project: Cosmic Ray Antimatter Calorimeter (CRAC).
N84-33772/4 **01**-*502,171* PC **A03**/MF **A01**

**NAS 1.15:77463**
Wind Shear Measuring on Board an Airliner.
N85-12521/9 **06**-*512,670* PC **A02**/MF **A01**

**NAS 1.15:77467**
Turbo Fluid Machinery and Diffusers.
N85-17363/1 **11**-*524,350* PC **A10**/MF **A01**

**NAS 1.15:77476**
Interactions Between Satellites and Plasma.
N84-33451/5 **01**-*502,766* PC **A02**/MF **A01**

**NAS 1.15:77481**
Cryogenic Wind Tunnel Technology. A Way to Measurement at Higher Reynolds Numbers.
N84-34451/4 **02**-*504,485* PC **A03**/MF **A01**

**NAS 1.15:77483**
Several Specific and Nonspecific Responses of the Human and Animal Body to Ship Noise.
N85-26116/2 **18**-*540,224* PC **A02**/MF **A01**

**NAS 1.15:77484**
Fungi of Mt. Babia Gora. 1: Mycoflora of Forests.
N85-11522/8 **04**-*508,447* PC **A07**/MF **A01**

**NAS 1.15:77485**
Fungi of Mt. Babia Gora. 2: Indicative Value of Macromycetes in Forest Associations. A: Initial Considerations.
N85-10632/6 **03**-*505,362* PC **A05**/MF **A01**

**NAS 1.15:77486**
Fungi of Mount Babia Gora. 3: The Indicating Value of Macromycetes in the Forest Associations.
N85-10633/4 **03**-*505,363* PC **A04**/MF **A01**

**NAS 1.15:77487**
Behavior of Al2O3 and SiO2 with Heating in a Cl2 + CO Stream.
N84-33533/0 **01**-*501,068* PC **A02**/MF **A01**

**NAS 1.15:77488**
Structural Changes During Milling of Aluminum Oxide Powders.
N85-13008/6 **07**-*514,959* PC **A02**/MF **A01**

**NAS 1.15:77493**
Deformation Analysis of Flat Flexible Gear and Its Equation of Original Curved Surfaces.
N85-21660/4 **14**-*532,201* PC **A02**/MF **A01**

**NAS 1.15:77495**
Study of the Pore Structure of Ceramics Prepared by the Slip Casting Method.
N85-13048/2 **07**-*514,962* PC **A02**/MF **A01**

**NAS 1.15:77501**
Unidirectional Fibers and Polyurethane Elastomer Matrix Based Composites Synthesis and Properties.
N85-15826/9 **10**-*522,099* PC **A10**/MF **A01**

**NAS 1.15:77503**
Influence of Aluminum Oxide Film on Thermocompression Bonding of Gold Wire to Evaporated Aluminum Film.
N85-12127/5 **06**-*513,856* PC **A02**/MF **A01**

**NAS 1.15:77504**
Brittleness of Ceramics.
N85-12156/4 **06**-*513,515* PC **A03**/MF **A01**

**NAS 1.15:77505**
Helium Ionization Detection Apparatus.
N85-12332/1 **06**-*513,919* PC **A02**/MF **A01**

**NAS 1.15:77508**
Alpha-Form of the Hydroxides of Bivalent Metals.
N85-13009/4 **07**-*514,705* PC **A03**/MF **A01**

**NAS 1.15:77510**
Results of S5 CH Tests with an ARL (Aerospace Research Laboratory) Cascade.
N85-16882/1 **11**-*524,804* PC **A03**/MF **A01**

**NAS 1.15:77517**
Development of the Vestibular Apparatus under Conditions of Weightlessness.
N85-16422/6 **10**-*521,644* PC **A03**/MF **A01**

**NAS 1.15:77536**
International Vega 'Venus-Halley' (1984-1986 Experiment: Description and Scientific Objectives.
N85-22324/6 **14**-*530,882* PC **A05**/MF **A01**

**NAS 1.15:77538**
Development of the Engineering Test Satellite-3 (ETS-3) Ion Engine System.
N85-10101/2 **03**-*507,785* PC **A17**/MF **A01**

**NAS 1.15:77552**
Directional Solidification of Al2-Cu-Al and Al3-Ni-Al Eutectics During Texus Rocket Flight.
N84-34602/2 **02**-*504,078* PC **A04**/MF **A01**

**NAS 1.15:77558**
Meteorite Bombardment and Dating of Planetary Surfaces.
N84-35260/8 **02**-*502,877* PC **A08**/MF **A01**

**NAS 1.15:77587**
Vortex Bursting.
N85-10008/9 **03**-*505,276* PC **A04**/MF **A01**

**NAS 1.15:77589**
International Comparative Study of Systems for the Government Advancement of Research and Development.
N85-13689/3 **07**-*514,500* PC **A13**/MF **A01**

**NAS 1.15:77590**
Second All-Union Seminar on Hydromechanics and Heat and Mass Exchange in Weightlessness, Summaries of Reports.
N85-10305/9 **03**-*507,274* PC **A09**/MF **A01**

**NAS 1.15:77593**
Wave Multiple Scattering by a Finite Number of Unclosed Circular Cylinders.
N85-10232/5 **03**-*507,772* PC **A03**/MF **A01**

**NAS 1.15:77594**
Catalogue of the Discrete Sources in the Declination Range from -13 Deg to -2 Deg.
N85-10887/6 **03**-*505,378* PC **A04**/MF **A01**

**NAS 1.15:77595**
Conversion of Microwave Signals by Superconducting Films in the Resistive State.
N85-10843/9 **03**-*506,224* PC **A03**/MF **A01**

**NAS 1.15:77596**
Silicon Carbide Material Sintered Bodies Manufacturing.
N84-34574/3 **02**-*504,049* PC **A02**/MF **A01**

**NAS 1.15:77597**
Powder Containing 2H-Type Silicon Carbide Produced by Reacting Silicon Dioxide and Carbon Powder in Nitrogen Atmosphere in the Presence of Aluminum.
N85-10167/3 **03**-*506,382* PC **A02**/MF **A01**

**NAS 1.15:77598**
Silicon Carbide Ceramic Production.
N85-10220/0 **03**-*506,659* PC **A02**/MF **A01**

**NAS 1.15:77599**
Sealing Ceramic Material in Low Melting Point Glass.
N85-10190/5 **03**-*506,386* PC **A02**/MF **A01**

**NAS 1.15:77600**
Sintered Silicon Nitride Workpiece.
N85-10129/3 **03**-*506,378* PC **A02**/MF **A01**

**NAS 1.15:77601**
Treating Silicon Carbide Sinter by Heating in Nitrogen.
N85-10130/1 **03**-*506,379* PC **A02**/MF **A01**

**NAS 1.15:77602**
Silicon Nitride Sintered Body.
N85-10131/9 **03**-*506,380* PC **A02**/MF **A01**

**NAS 1.15:77603**
Processing Ceramics.
N85-10188/9 **03**-*506,384* PC **A02**/MF **A01**

**NAS 1.15:77613**
Open-Ended Future: In Defense of a New Humanism.
N85-22209/9 **14**-*531,182* PC **A02**/MF **A01**

**NAS 1.15:77615**
Space Flight of the Soviet-Indian Crew.
N85-21226/4 **14**-*532,869* PC **A02**/MF **A01**

**NAS 1.15:77616**
Problems of Space Biology. Volume 50: Nystagmometry for Evaluation of the Status of the Vestibular Function.
N85-24694/0 **17**-*537,421* PC **A11**/MF **A01**

**NAS 1.15:77618**
Electronic 4-Wheel Drive Control Device.
N84-34764/0 **02**-*504,381* PC **A02**/MF **A01**

**NAS 1.15:77619**
Magnetic Record Support.
N84-34709/5 **02**-*504,516* PC **A02**/MF **A01**

**NAS 1.15:77620**
Space Stations: Living in Zero Gravity, Developmental Task for Psychologists and Space Environmental Experts.
N84-33454/9 **01**-*500,547* PC **A02**/MF **A01**

**NAS 1.15:77624**
BDLI Memorandum on the Future of Space Flight in the Federal Republic of Germany.
N85-15765/9 **10**-*523,205* PC **A04**/MF **A01**

**NAS 1.15:77628**
Material Research in Microgravity.
N85-23811/1 **17**-*539,278* PC **A03**/MF **A01**

**NAS 1.15:77629**
Production of Copper Phthalocyanine and/or Its Derivatives.
N85-27983/4 **20**-*544,937* PC **A02**/MF **A01**

**NAS 1.15:77630**
Construction in Space.
N85-25374/8 **18**-*542,042* PC **A04**/MF **A01**

**NAS 1.15:77637**
D-1 Report: The First German Spacelab Mission.
N85-22402/0 **15**-*535,282* PC **A02**/MF **A01**

**NAS 1.15:77644**
25th Anniversary of the Gagarin Cosmonaut Training Center.
N85-18076/8 **12**-*526,268* PC **A02**/MF **A01**

**NAS 1.15:77645**
Air-Breathing Ballistic Space Transporter for Europe.
N85-21244/7 **14**-*532,880* PC **A02**/MF **A01**

**NAS 1.15:77646**
Sintered Silicon Carbide Molded Body and Method for Its Production.
N85-23999/4 **17**-*538,617* PC **A03**/MF **A01**

**NAS 1.15:77651**
Test Devices for Aeronautical Research and Technology.
N85-27914/9 **20**-*545,971* PC **A04**/MF **A01**

**NAS 1.15:77652**
Space Methods in Oceanology.
N85-26047/9 **18**-*540,439* PC **A03**/MF **A01**

**NAS 1.15:77654**
Descent Vehicles.
N85-27933/9 **20**-*547,182* PC **A03**/MF **A01**

**NAS 1.15:77657**
International Space Research Perspectives of Commercialization for German Industry.
N85-29979/0 **22**-*551,848* PC **A03**/MF **A01**

**NAS 1.15:77664**
Device for Generating Motive Force through the Expansion of a Non-Elastic Dense Fluid.
N85-31446/6 **23**-*553,016* PC **A02**/MF **A01**

**NAS 1.15:77722**
New Method of Evaluating the Side Wall Interference Effect on Airfoil Angle of Attack by Suction from the Side Walls.
N84-34432/4 **02**-*502,782* PC **A03**/MF **A01**

**NAS 1.15:77724**
Fabrication and Characterization of SI3N4 Ceramics Without Additives by High Pressure Hot Pressing.
N85-10189/7 **03**-*506,385* PC **A02**/MF **A01**

**NAS 1.15:77726**
Ion Thruster Project.
N85-15805/3 **10**-*523,138* PC **A02**/MF **A01**

**NAS 1.15:77727**
Lox/LH2 Propulsion System for Launch Vehicle Upper Stage, Test Results.
N85-12089/7 **06**-*514,296* PC **A02**/MF **A01**

**NAS 1.15:77728**
Platinum Thin Film Resistors as Accurate and Stable Temperature Sensors.
N85-10322/4 **03**-*506,805* PC **A02**/MF **A01**

**NAS 1.15:77730**
Contribution to the Performance of Microjets.
N84-34694/9 **02**-*505,231* PC **A08**/MF **A01**

**NAS 1.15:77731**
Silicon Nitride Powder.
N85-10132/7 **03**-*506,381* PC **A02**/MF **A01**

**NAS 1.15:77733**
Aerosol Limb Absorption.
N85-19562/6 **13**-*528,421* PC **A02**/MF **A01**

**NAS 1.15:77735**
Recent Trends in Particle Size Analysis Techniques.
N85-22645/4 **15**-*534,377* PC **A03**/MF **A01**

**NAS 1.15:77736**
Injection Molding of Silicon Carbide Capable of Being Sintered Without Pressure.
N85-10221/8 **03**-*506,748* PC **A02**/MF **A01**

**NAS 1.15:77739**
Data Input, Processing and Presentation.
N85-10856/1 **03**-*505,284* PC **A04**/MF **A01**

**NAS 1.15:77740**
DFVLR Rotorcraft: Construction and Engineering.
N85-10035/2 **03**-*505,299* PC **A04**/MF **A01**

**NAS 1.15:77741**
Shear-Layer Correction after Amiet under Consideration of Additional Temperature Gradient. Working Diagrams for Correction of Signals.
N85-12654/8 **06**-*514,054* PC **A04**/MF **A01**

**NAS 1.15:77745**
Grob G-112: Flight Testing Fulfills Expectations.
N84-34438/1 **02**-*502,791* PC **A02**/MF **A01**

**NAS 1.15:77746**
Ammonia Formation Caused by the Presence of Water in the Wet Grinding of Silicon Nitride Powder.
N85-23937/4 **17**-*537,612* PC **A02**/MF **A01**

**NAS 1.15:77749**
Comparison of Combustion Efficiencies for Ramjet Engines.
N84-33411/9 **01**-*502,742* PC **A02**/MF **A01**

**NAS 1.15:77750**
Patterns of Behavior in Lodgings Exposed to Traffic Noise.
N85-12479/0 **06**-*512,994* PC **A07**/MF **A01**

**NAS 1.15:77751**
Measurement of High Temperature Strain by the Laser-Speckle Strain Gauge.
N85-16207/1 **10**-*522,495* PC **A02**/MF **A01**

**NAS 1.15:77755**
Non-Destructive Evaluation Techniques, High Temperature Ceramic Component Parts for Gas Turbines.
N84-33413/5 **01**-*502,744* PC **A03**/MF **A01**

**NAS 1.15:77756**
Manual for Raman Cells.
N85-10342/2 **03**-*507,328* PC **A03**/MF **A01**

**NAS 1.15:77758**
System Design of a Remotely Operated, Program Controlled Measurement Table for the Calibration of the Egret Experiment. Part A: Program Control.
N84-34172/6 **01**-*501,330* PC **A04**/MF **A01**

**NAS 1.15:77760**
Outer Space Law: A Problem of Astronautics.
N85-16697/3 **10**-*521,256* PC **A04**/MF **A01**

**NAS 1.15:77762**
Unsteady Flow Characteristics in the Near-Wake of a Two-Dimensional Obstacle.
N85-15684/2 **10**-*522,943* PC **A03**/MF **A01**

**NAS 1.15:77764**
Study of the System of Middle Atmosphere-Ionosphere Using Remote-Sensing Data.
N84-34074/4 **01**-*500,189* PC **A02**/MF **A01**

**NAS 1.15:77765**
Microtektite Discovered in Beijing.
N85-10895/9 **03**-*505,382* PC **A02**/MF **A01**

**NAS 1.15:77772**
Design of High-Performance Gliders.
N85-23750/1 **17**-*537,022* PC **A02**/MF **A01**

**NAS 1.15:77773**
Back Stress in Dislocation Creep. Part 1: Basic Concepts and Measuring Techniques.
N85-16206/3 **10**-*522,135* PC **A02**/MF **A01**

**NAS 1.15:77777**
Tensile Test of Pressureless-Sintered Silicon Nitride at Elevated Temperature.
N85-17390/4 **11**-*524,432* PC **A03**/MF **A01**

**NAS 1.15:77778**
Development of Media for Dynamic Latent Heat Storage for the Low-Temperature Range. Part 1: Thermal Analyses of Selected Salt Hydrate Systems.
N85-19510/5 **13**-*529,347* PC **A04**/MF **A01**

**NAS 1.15:77779**
Development of Large Wind Energy Power Generation System.
N85-16301/2 **10**-*522,059* PC **A02**/MF **A01**

**NAS 1.15:77781**
Qualification of the T2 Wind Tunnel in Cryogenic Operation. A: Thermal Field, Preliminary Study of a Schematic Model.
N85-23805/3 **17**-*538,707* PC **A06**/MF **A01**

**NAS 1.15:77782**
Qualification of the T2 Wind Tunnel in Cryogenic Operation. B: Flow Fluctuations, Particle Detection and Qualification.
N85-23806/1 **17**-*538,708* PC **A05**/MF **A01**

**NAS 1.15:77783**
Design of Sport and Touring Aircraft.
N85-18975/1 **13**-*528,315* PC **A03**/MF **A01**

**NAS 1.15:77784**
High-Power Radiating Plasma.
N85-16637/9 **10**-*522,969* PC **A03**/MF **A01**

**NAS 1.15:77785**
Profile Design for Wings and Propellers.
N85-18953/8 **13**-*528,284* PC **A03**/MF **A01**

**NAS 1.15:77786**
Research Done at Derat (October 1982 through September 1983): Summary of Principal Results Obtained.
N85-17730/1 **11**-*524,813* PC **A05**/MF **A01**

**NAS 1.15:77787**
Study of the Liquid Vapor Equilibrium in the Bromine-Hydrobromic Acid-Water System.
N85-15836/8 **10**-*521,737* PC **A02**/MF **A01**

**NAS 1.15:77796**
Measurement of the Configuration of a Concave Surface by the Interference of Reflected Light.
N85-20867/6 **14**-*532,602* PC **A02**/MF **A01**

**NAS 1.15:77802**
Stuttgart Interconnection Network Project from PIX to NICS.
N85-15528/1 **09**-*519,123* PC **A02**/MF **A01**

**NAS 1.15:77803**
Towards a Renewal of the Propeller in Aeronautics.
N85-21169/6 **14**-*530,777* PC **A03**/MF **A01**

**NAS 1.15:77807**
Vapor Pressure and Evaporation Rate of Certain Heat-Resistant Compounds in a Vacuum at High Temperatures.
N85-19036/1 **13**-*528,991* PC **A02**/MF **A01**

**NAS 1.15:77808**
Positive Electrodes of Nickel-Cadmium Batteries.
N85-19330/8 **13**-*529,416* PC **A02**/MF **A01**

**NAS 1.15:77809**
Slip Casting and Nitridation of Silicon Powder.
N85-21406/2 **14**-*532,190* PC **A02**/MF **A01**

**NAS 1.15:77810**
Unsteady Aerodynamic Characterization of a Military Aircraft in Vertical Gusts.
N85-21110/0 **14**-*530,746* PC **A03**/MF **A01**

**NAS 1.15:77812**
Three-Dimensional Unsteady Lifting Surface Theory in the Subsonic Range.
N85-21111/8 **14**-*530,747* PC **A03**/MF **A01**

**NAS 1.15:77816**
Characteristics of the Boat Inductor for Keeping Liquid Metal in the Suspended State.
N85-21611/7 **14**-*531,645* PC **A02**/MF **A01**

**NAS 1.15:77817**
Volume Change During Solidification.
N85-24243/6 **17**-*538,277* PC **A02**/MF **A01**

**NAS 1.15:77818**
Determination of the Mobility Profile in GaAs-Mesfets.
N85-20905/4 **14**-*531,642* PC **A05**/MF **A01**

**NAS 1.15:77820**
Station Keeping of Geostationary Satellites by Electric Propulsion.
N85-24337/6 **17**-*539,641* PC **A03**/MF **A01**

**NAS 1.15:77831**
Oscillating Airfoils and Their Wake.
N85-23701/4 **17**-*537,000* PC **A02**/MF **A01**

**NAS 1.15:77832**
Seven-Wavelength Pyrometer for Determining Surface Temperature of Ablation Materials.
N85-24268/3 **17**-*538,713* PC **A02**/MF **A01**

**NAS 1.15:77835**
Development of an Apparatus for Obtaining Molecular Beams in the Energy Range from 2 to 200 Ev.
N85-26326/7 **18**-*541,339* PC **A02**/MF **A01**

**NAS 1.15:77837**
Contributions on the Subject of Longitudinal Movements of Aircraft in Wind Shears.
N85-29432/0 **21**-*547,203* PC **A11**/MF **A01**

**NAS 1.15:77844**
Some Features of the Fabrication of Multilayer Fiber Composites by Explosive Welding.
N85-23932/5 **17**-*538,210* PC **A02**/MF **A01**

**NAS 1.15:77850**
Fracture Mechanics Formulas on Microcomputers.
N85-30362/6 **22**-*551,753* PC **A04**/MF **A01**

**NAS 1.15:77854**
Periodic Vortex Shedding in the Supersonic Wake of a Planar Plate.
N85-25207/0 **18**-*539,651* PC **A02**/MF **A01**

**NAS 1.15:77864**
Optimum Dimensions of Power Solenoids for Magnetic Suspension.
N85-28716/7 **20**-*545,190* PC **A02**/MF **A01**

**NAS 1.15:77870**
Selection of a Model of Earth's Albedo Radiation, Practical Calculation of Its Effect on the Trajectory of a Satellite.
N85-25972/9 **18**-*539,770* PC **A02**/MF **A01**

**NAS 1.15:77872**
Installation, Maintenance and Operating Manual for the Lucas-Type Fuel Injection System of the 3 B Rotary Engine.
N85-25846/5 **18**-*542,030* PC **A02**/MF **A01**

**NAS 1.15:77882**
X-Ray Satellite.
N85-31145/4 **23**-*554,529* PC **A03**/MF **A01**

**NAS 1.15:77884**
Discussion of the Paper, Some Aspects of Propulsion for the Augmenter-Wing Concept, by D. C. Whittley.
N85-33108/0 **26**-*559,978* PC **A02**/MF **A01**

**NAS 1.15:77892**
Experimental Investigations on Airfoils with Different Geometries in the Domain of High Angles of Attack-Flow Separation.
N85-33110/6 **26**-*559,980* PC **A05**/MF **A01**

**NAS 1.15:77898**
X-Ray Satellite.
N85-31144/7 **23**-*554,528* PC **A03**/MF **A01**

**NAS 1.15:77902**
Influence of Spatial Variability of Hydraulic Characteristics of Soils on Surface Parameters Obtained from Remote Sensing Data in Infrared and Microwaves.
N85-31604/0 **23**-*552,741* PC **A02**/MF **A01**

**NAS 1.15:80599**
Gsfc Specification Electronic Data Processing Magnetic Recording Tape.
N85-21609/1 **14**-*531,685* PC **A04**/MF **A01**

**NAS 1.15:80663**
X-Ray Observations of the Seyfert 1 Galaxies AKN120 and MCG8-11-11.
N85-12839/5 **06**-*512,736* PC **A02**/MF **A01**

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N84-34038/9 **01**-*501,471* PC **A17**/MF **A01**

**NAS 1.15:81888**
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N85-18003/2 **12**-*525,860* PC **A12**/MF **A01**

**NAS 1.15:82173**
Syntheses of the X-Ray Background with Power-Law Sources.
N85-12840/3 **06**-*512,737* PC **A02**/MF **A01**

**NAS 1.15:82508**
Investigation of Surface Tension Phenomena Using the KC-135 Aircraft.
N85-18995/9 **13**-*528,990* PC **A02**/MF **A01**

**NAS 1.15:82527**
Feasibility of Low-G Grey Solidification of Nodular Iron in the F-104 Experimental Furnace Package.
N85-18996/7 **13**-*529,491* PC **A02**/MF **A01**

**NAS 1.15:83022**
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N85-18004/0 **12**-*525,861* PC **A10**/MF **A01**

**NAS 1.15:83354**
Fabrication and Quality Assurance Processes for Superhybrid Composite Fan Blades.
N85-14882/3 **09**-*520,912* PC **A02**/MF **A01**

**NAS 1.15:83517**
Operational Results for the Experimental DOE/NASA MOD-Oa Wind Turbine Project.
N85-30479/8 **22**-*550,354* PC **A03**/MF **A01**

**NAS 1.15:83556**
Ice Shapes and the Resulting Drag Increase for a NACA 0012 Airfoil.
N85-27839/8 **20**-*544,487* PC **A03**/MF **A01**

**NAS 1.15:83590**
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N85-21162/1 **14**-*532,742* PC **A02**/MF **A01**

**NAS 1.15:83621**
Reducing Numerical Diffusion for Incompressible Flow Calculations.
N85-14840/1 **09**-*520,211* PC **A02**/MF **A01**

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N84-34231/0 **01**-*502,656* PC **A04**/MF **A01**

**NAS 1.15:83677**
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N85-10165/7 **03**-*506,438* PC **A11**/MF **A01**

**NAS 1.15:83711**
Surface Effects of Corrosive Media on Hardness, Friction, and Wear of Materials.
N85-15896/2 **10**-*522,133* PC **A02**/MF **A01**

**NAS 1.15:83746**
Optical and Other Property Changes of M-50 Bearing Steel Surfaces for Different Lubricants and Additive Prior to Scuffing.
N84-34620/4 **02**-*504,086* PC **A02**/MF **A01**

**NAS 1.15:83748**
Temperature Distortion Generator for Turboshaft Engine Testing.
N85-15658/6 **10**-*523,187* PC **A03**/MF **A01**

**NAS 1.15:83750**
Analysis of Glow Discharges for Understanding the Process of Film Formation.
N85-10138/4 **03**-*505,886* PC **A07**/MF **A01**

**NAS 1.15:83754**
Nonlinear Analysis for High-Temperature Multilayered Fiber Composite Structures.
N85-21273/6 **14**-*531,846* PC **A16**/MF **A01**

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N84-33536/3 **01**-*502,655* PC **A02**/MF **A01**

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**NAS 1.15:83764**
Experimental Investigation of the Effect of Boundary Layer Refraction on the Noise from a High-Speed Propeller.
N84-34230/2 **01**-*500,019* PC **A03**/MF **A01**

**NAS 1.15:83765**
Response of a Small-Turboshaft-Engine Compression System to Inlet Temperature Distortion.
N84-33414/3 **01**-*502,745* PC **A03**/MF **A01**

**NAS 1.15:83767**
Incompressible Lifting-Surface Aerodynamics for a Rotor-Stator Combination.
N85-12039/2 **06**-*512,654* PC **A03**/MF **A01**

**NAS 1.15:83769**
Low Cycle Fatigue Behavior of Conventionally Cast Mar-M 200 at 1000 Deg C.
N84-33564/5 **01**-*501,550* PC **A02**/MF **A01**

**NAS 1.15:83771**
Effect of Combined Pressure and Temperature Distortion Orientation on High-Bypass-Ratio Turbofan Engine Stability.
N85-10067/5 **03**-*507,852* PC **A03**/MF **A01**

**NAS 1.15:83773**
FTIR Analysis of Aviation Fuel Deposits.
N84-33608/0 **01**-*502,710* PC **A03**/MF **A01**

**NAS 1.15:83782**
Evaluation of Candidate Stirling Engine Heater Tube Alloys after 3500 Hours Exposure to High Pressure Doped Hydrogen or Helium.
N84-34603/0 **02**-*504,079* PC **A03**/MF **A01**

**NAS 1.15:83783**
Floating-Point Function Generation Routines for 16-Bit Microcomputers.
N85-10683/9 **03**-*506,122* PC **A04**/MF **A01**

**NAS 1.15:83784**
Effects of Cr, CO, al, Mo and TA on the Cyclic Oxidation Behavior of a Prototype Cast Ni-Base,Superalloy Based on a 2(5) Composite Statistically Designed Experiment.
N85-12131/7 **06**-*513,594* PC **A02**/MF **A01**

**NAS 1.15:83786**
Fracture Surface Characteristics of Notched Angleplied Graphite/Epoxy Composites.
N84-33522/3 **01**-*501,519* PC **A02**/MF **A01**

**NAS 1.15:83789**
Photovoltaic Power System for Satellite Earth Stations in Remote Areas: Project Status and Design Description.
N84-33642/9 **01**-*500,022* PC **A02**/MF **A01**

**NAS 1.15:83790**
Control Aspects of the Schuchuli Village Stand-Alone Photovoltaic Power System.
N85-13157/1 **07**-*514,944* PC **A03**/MF **A01**

**NAS 1.15:83791**
Effects of Seven Alloying Elements on the Microstructure and Stress-Rupture Behavior of Nickle-Base Superalloys.
N85-10168/1 **03**-*506,440* PC **A03**/MF **A01**

**NAS 1.15:83792**
Role of Material Properties in Adhesion.
N84-34619/6 **02**-*503,594* PC **A02**/MF **A01**

**NAS 1.15:83794**
Ultrasonic Velocity Measurement Using Phase-Slope Cross-Correlation Methods.
N84-34769/9 **02**-*504,486* PC **A02**/MF **A01**

**NAS 1.15:83797**
Observations from Varying the Lift and Drag Inputs to a Noise Prediction Method for Supersonic Helical Tip Speed Propellers.
N85-10788/6 **03**-*505,303* PC **A02**/MF **A01**

**NAS 1.15:83798**
Plasma Variables and Tribological Properties of Coatings in Low Pressure (0.1 - 10.0 Torr) Plasma Systems.
N85-11261/3 **04**-*509,362* PC **A03**/MF **A01**

**NAS 1.15:83799**
Supersonic Jet Shock Noise Reduction.
N84-35085/9 **02**-*502,796* PC **A03**/MF **A01**

**NAS 1.15:83800**
Ideal Gas Thermodynamic Properties for the Phenyl, Phenoxy, and O-Biphenyl Radicals.
N85-22204/0 **14**-*531,513* PC **A02**/MF **A01**

**NAS 1.15:83801**
Effect of Channel Convergence on Heat Transfer in a Passage with Short Pin Fins.
N85-10303/4 **03**-*507,308* PC **A02**/MF **A01**

**NAS 1.15:83802**
Fracture Modes in Notched Angleplied Composite Laminates.
N84-34576/8 **02**-*504,051* PC **A03**/MF **A01**

**NAS 1.15:83803**
Nitriding of Titanium and Its Alloys by N2, NH3 or Mixtures of N2 + H2 in a DC Arc Plasma at Low Pressures.
N85-15168/6 **09**-*519,730* PC **A02**/MF **A01**

**NAS 1.15:83804**
Ceramic Microstructure and Adhesion.
N85-10186/3 **03**-*506,383* PC **A03**/MF **A01**

**NAS 1.15:83805**
Hardware for a Real-Time Multiprocessor Simulator.
N85-10659/9 **03**-*506,120* PC **A02**/MF **A01**

**NAS 1.15:83806**
CREKID: A Computer Code for Transient, Gas-Phase Combustion of Kinetics.
N85-10068/3 **03**-*507,780* PC **A03**/MF **A01**

**NAS 1.15:83807**
Lubricity of Well-Characterized Jet and Broad-Cut Fuels by Ball-on-Cylinder Machine.
N85-12183/8 **06**-*514,271* PC **A02**/MF **A01**

**NAS 1.15:83837**
Large Scale Height Galactic Component of the Diffuse 2-60 Kev Background.
N85-12841/1 **06**-*512,738* PC **A03**/MF **A01**

**NAS 1.15:83859**
X-Ray Spectrum and Time Variability of Narrow Emission Line Galaxies.
N85-12842/9 **06**-*512,739* PC **A03**/MF **A01**

**NAS 1.15:83947**
Einstein Solid State Spectrometer Observation of the Peculiar Red Dwarf Wolf 630 AB.
N85-12843/7 **06**-*512,740* PC **A02**/MF **A01**

**NAS 1.15:83997**
Interactive Digital Signal Processor.
N84-34974/5 **02**-*503,827* PC **A08**/MF **A01**

**NAS 1.15:84252**
Inlet and Airframe Compatibility for a V/STOL Fighter/Attack Aircraft with Top-Mounted Inlets.
N85-10015/4 **03**-*505,283* PC **A02**/MF **A01**

**NAS 1.15:84302**
Installed Nacelle Drag-Improvement Tests of an M = 0.8 Turboprop Transport Configuration.
N85-15716/2 **10**-*520,947* PC **A17**/MF **A01**

**NAS 1.15:84351-V-1**
Mathematical Simulation Model of the CH-47B Helicopter, Volume 1.
N85-10033/7 **03**-*505,297* PC **A07**/MF **A01**

**NAS 1.15:84440**
Remote Sensing of Directional Wave Spectra Using the Surface Contour Radar.
N85-24510/8 **17**-*537,854* PC **A02**/MF **A01**

**NAS 1.15:84441**
Contamination of the Fetch-Limited Directional Wave Spectrum by Waves Emanating from an Embayment.
N85-26048/7 **18**-*540,440* PC **A02**/MF **A01**

**NAS 1.15:84517**
Pressure Distribution Data from Tests of 2.29 M (7.5 Feet) Span Eet High-Lift Transport Aircraft Model in the Ames 12-Foot Pressure Tunnel.
N85-29912/1 **22**-*549,304* PC **A99**/MF **A01**

**NAS 1.15:84543**
Steady- and Unsteady-Pressure Measurements on a Supercritical-Wing Model with Oscillating Control Surfaces at Subsonic and Transonic Speeds.
N85-16831/8 **11**-*523,223* PC **A13**/MF **A01**

**NAS 1.15:84548**
Fuel Efficiency Through New Airframe Technology.
N85-10909/8 **04**-*507,918* PC **A08**/MF **A01**

**NAS 1.15:84549**
Acee Program Rationale and Implementation.
N85-10908/0 **04**-*507,917* PC **A03**/MF **A01**

**NAS 1.15:84583**
Exploratory Study of Finite Difference Grids for Transonic Unsteady Aerodynamics.
N85-15696/6 **10**-*520,945* PC **A03**/MF **A01**

**NAS 1.15:84589**
Comparison of Analytical and Experimental Steady and Unsteady-Pressure Distributions at Mach Number 0.78 for a High-Aspect-Ratio Supercritical Wing Model with Oscillating Control Surfaces.
N85-15697/4 **10**-*520,946* PC **A04**/MF **A01**

**NAS 1.15:84657**
Inviscid Analysis of Two Supercritical Laminar-Flow-Control Airfoils at Design and Off-Design Conditions.
N85-29920/4 **22**-*549,275* PC **A02**/MF **A01**

**NAS 1.15:84666**
Computer Programs for Smoothing and Scaling Airfoil Coordinates.
N85-31011/8 **23**-*551,878* PC **A09**/MF **A01**

**NAS 1.15:84914**
F-8 Refueling Boom Ground Vibration Test.
N85-15713/9 **10**-*520,963* PC **A03**/MF **A01**

**NAS 1.15:84946**
Interplanetary Radio Storms. 2: Emission Levels and Solar Wind Speed in the Range 0.05-0.8 AU.
N85-13761/0 **07**-*514,400* PC **A03**/MF **A01**

**NAS 1.15:85009**
Experimental Philosophy Leading to a Small Scale Digital Data Base of the Conterminous United States for Designing Experiments with Remotely Sensed Data.
N85-28877/7 **20**-*544,660* PC **A02**/MF **A01**

**NAS 1.15:85012**
Large-Scale, Near-Earth, Magnetic Fields from External Sources and the Corresponding Induced Internal Field.
N84-34807/7 **02**-*503,761* PC **A03**/MF **A01**

**NAS 1.15:85015-V-5**
COSPAS-SARSAT Satellite Orbit Predictor, Volume 5.
N85-25052/0 **17**-*539,642* PC **A06**/MF **A01**

**NAS 1.15:85029**
Spatial Fluctuations in the Diffuse Cosmic X-Ray Background.
N84-35281/4 **02**-*502,882* PC **A22**/MF **A01**

**NAS 1.15:85030**
Cosmic Ray Propagation in the Local Superbubble.
N85-12855/1 **06**-*512,747* PC **A03**/MF **A01**

**NAS 1.15:85037**
Plasma Electron Analysis: Voyager Plasma Science Experiment.
N84-35243/4 **02**-*502,874* PC **A04**/MF **A01**

**NAS 1.15:85075**
Petrologic Model of the Northern Mississippi Embayment Based on Satellite Magnetic and Ground Based Geophysical Data.
N85-13406/2 **07**-*514,746* PC **A02**/MF **A01**

**NAS 1.15:85100**
Methodology for Interpretation of SST Retrievals Using the Avhrr Split Window Algorithm.
N84-34905/9 **02**-*503,739* PC **A04**/MF **A01**

**NAS 1.15:85103**
Temperature and Elemental Abundances in the Abell Cluster A 576 Derived from X-Ray Observations.
N84-35238/4 **02**-*502,869* PC **A03**/MF **A01**

**NAS 1.15:85231**
Research and Technology: Fiscal Year 1984 Report.
N85-22340/2 **14**-*530,987* PC **A06**/MF **A01**

**NAS 1.15:85648**
Computer Program for Plotting and Fairing Wind-Tunnel Data.
N85-31009/2 **23**-*551,876* PC **A07**/MF **A01**

**NAS 1.15:85674**
Aileron Effectiveness for a Subsonic Transport Model with a High-Aspect-Ratio Supercritical Wing.
N85-15695/8 **10**-*520,944* PC **A13**/MF **A01**

**NAS 1.15:85721**
Evaluation of the Langley 4- by 7-Meter Tunnel for Propeller Noise Measurements.
N85-13553/1 **07**-*515,229* PC **A03**/MF **A01**

**NAS 1.15:85729**
Experimental and Analytical Study of the Aerodynamic Interference Effects Between Two Sears-Haack Bodies at Mach 2.7.
N85-26673/2 **19**-*542,072* PC **A09**/MF **A01**

**NAS 1.15:85739**
Data from Tests of a R4 Airfoil in the Langley 0.3-Meter Transonic Cryogenic Tunnel.
N84-33385/5 **01**-*500,011* PC **A16**/MF **A01**

**NAS 1.15:85767**
Description of the Langley Wireframe Geometry Standard (LAWGS) Format.
N85-22380/8 **15**-*534,433* PC **A03**/MF **A01**

**NAS 1.15:85797**
Review of Chevron-Notched Fracture Specimens.
N84-33834/2 **01**-*502,602* PC **A04**/MF **A01**

**NAS 1.15:85804**
Conceptual Design for Scaled Truss Antenna Flight Experiment.
N85-12932/8 **07**-*515,717* PC **A03**/MF **A01**

**NAS 1.15:85820**
Surface-Slip Equations for Multicomponent Nonequilibrium Air Flow.
N85-21573/9 **14**-*532,586* PC **A05**/MF **A01**

**NAS 1.15:85834**
Compression Failure Mechanisms in Unidirectional Composites.
N84-33523/1 **01**-*501,520* PC **A03**/MF **A01**

**NAS 1.15:85835**
GASP Cloud- and Particle-Encounter Statistics and Their Application to LPC Aircraft Studies. Volume 1: Analysis and Conclusions.
N84-34828/3 **02**-*502,939* PC **A05**/MF **A01**

**NAS 1.15:85835-V-2**
GASP Cloud- and Particle-Encounter Statistics and Their Application to LFC Aircraft Studies. Volume 2: Appendixes.
N85-12522/7 **06**-*512,777* PC **A10**/MF **A01**

**NAS 1.15:85864**
Lagrange-d'Alembert Formulation of the Equations of Motion of a Helicopter Carrying an Externally Suspended Load.
N85-21149/8 **14**-*530,776* PC **A04**/MF **A01**

**NAS 1.15:85904**
Impacts of Space Shuttle Thermal Protection System Tile on F-15 Aircraft Vertical Tile.
N85-21245/4 **14**-*532,881* PC **A02**/MF **A01**

**NAS 1.15:85905**
More Than You Want to Know About Maximum Likelihood Estimation.
N85-15752/7 **10**-*520,974* PC **A03**/MF **A01**

**NAS 1.15:85910**
Active Control Technology Experience with the Space Shuttle in the Landing Regime.
N85-10071/7 **03**-*507,862* PC **A02**/MF **A01**

**NAS 1.15:85911**
Rotor Systems Research Aircraft Airplane Configuration Flight-Test Results.
N85-10034/5 **03**-*505,298* PC **A02**/MF **A01**

**NAS 1.15:85913**
Role of Research Aircraft in Technology Development.
N85-10932/0 **04**-*507,919* PC **A03**/MF **A01**

**NAS 1.15:85914**
Propulsion Control Experience Used in the Highly Integrated Digital Electronic Control (HIDEC) Program.
N84-33415/0 **01**-*502,746* PC **A02**/MF **A01**

**NAS 1.15:85915**
Test Experience on an Ultrareliable Computer Communication Network.
N85-13514/3 **07**-*514,827* PC **A02**/MF **A01**

**NAS 1.15:85916**
Predicted Performance Benefits of an Adaptive Digital Engine Control System of an F-15 Airplane.
N85-15729/5 **10**-*520,973* PC **A02**/MF **A01**

**NAS 1.15:85917**
Flutter Clearance of the Schweizer 1-36 Deep-Stall Sailplane.
N85-33118/9 **26**-*559,993* PC **A05**/MF **A01**

**NAS 1.15:85920**
Ground-Effect Analysis of a Jet Transport Airplane.
N85-15687/5 **10**-*520,960* PC **A02**/MF **A01**

**NAS 1.15:85923**
Closing the Design Loop on HIMAT (Highly Maneuverable Aircraft Technology).
N85-14836/9 **09**-*518,328* PC **A02**/MF **A01**

**NAS 1.15:85924**
Western Aeronautical Test Range of NASA Ames Research Center.
N85-15756/8 **10**-*523,215* PC **A02**/MF **A01**

**NAS 1.15:85925**
Remote Control of an Impact Demonstration Vehicle.
N85-23797/2 **17**-*537,035* PC **A02**/MF **A01**

**NAS 1.15:85968**
YO-3A Acoustics Research Aircraft Systems Manual.
N85-10074/1 **03**-*505,302* PC **A03**/MF **A01**

**NAS 1.15:85972**
Measurement of the Nighttime Infrared Luminosity of Spacelab 1 in the H- and K-Bands.
N85-25011/6 **17**-*538,719* PC **A02**/MF **A01**

**NAS 1.15:85974**
Direct Numerical Simulation of Curved Turbulent Channel Flow.
N85-11316/5 **04**-*510,201* PC **A08**/MF **A01**

**NAS 1.15:85975**
Numerical Analysis of the First Static Calibration of the RSRA Helicopter Active-Isolator Rotor Balance System.
N85-16863/1 **11**-*524,803* PC **A04**/MF **A01**

**NAS 1.15:85979**
Experimental Determination of the 1 sigma(+ ) State Electron-Dipole-Moment Function of Carbon Monoxide Up to a Large Internuclear Separation.
N85-18670/8 **12**-*525,982* PC **A02**/MF **A01**

**NAS 1.15:85987**
Search for 183-Ghz Emission from Water in Late-Type Stars.
N84-34348/2 **01**-*500,133* PC **A02**/MF **A01**

**NAS 1.15:85990**
Hover Test of a Full-Scale Hingeless Rotor.
N84-33401/0 **01**-*500,039* PC **A03**/MF **A01**

**NAS 1.15:85991**
Aircrew-Aircraft Integration: A Summary of US Army Research Programs and Plans.
N85-11004/7 **04**-*507,898* PC **A02**/MF **A01**

**NAS 1.15:85996**
Simulation Evaluation of Two VTOL Control/Display Systems in IMC Approach and Shipboard Landing.
N85-14841/9 **09**-*518,353* PC **A05**/MF **A01**

**NAS 1.15:85997**
Three-Dimensional Laser Doppler Anemometer Measurements of a Jet in a Crossflow.
N84-34695/6 **02**-*504,879* PC **A11**/MF **A01**

**NAS 1.15:85998**
Collection of Flow Visualization Techniques Used in the Aerodynamic Research Branch.
N85-15135/5 **09**-*518,330* PC **A03**/MF **A01**

**NAS 1.15:85999**
Data-Link Alternatives for the NASA Pilot Data Systems.
N85-24873/0 **17**-*538,789* PC **A02**/MF **A01**

**NAS 1.15:86003**
Satellite Stratospheric Aerosol Measurement Validation.
N85-17479/5 **11**-*523,369* PC **A02**/MF **A01**

**NAS 1.15:86004**
Cryogenically Cooled, Multidetector Spectrometer for Infrared Astronomy.
N84-34359/9 **01**-*500,135* PC **A02**/MF **A01**

**NAS 1.15:86005**
Experimental Investigation of the Parallel Blade-Vortex Interaction.
N85-13777/6 **08**-*515,725* PC **A03**/MF **A01**

**NAS 1.15:86006**
Nasa Ames Summer High School Apprenticeship Research Program.
N85-26590/8 **18**-*539,957* PC **A06**/MF **A01**

**NAS 1.15:86007**
Helicopter Model Rotor-Blade Vortex Interaction Impulsive Noise: Scalability and Parametric Variations.
N85-16826/8 **11**-*523,242* PC **A03**/MF **A01**

**NAS 1.15:86008**
Enthalpy Damping for the Steady Euler Equations.
N84-35009/9 **02**-*504,880* PC **A02**/MF **A01**

**NAS 1.15:86009**
Identification and Verification of Frequency-Domain Models for XV-15 Tilt-Rotor Aircraft Dynamics.
N84-34445/6 **02**-*502,793* PC **A02**/MF **A01**

**NAS 1.15:86010**
Applications of Numerical Optimization Methods to Helicopter Design Problems: A Survey.
N85-10036/0 **03**-*505,300* PC **A02**/MF **A01**

**NAS 1.15:86011**
Numerical Studies of Unsteady Transonic Flow over an Oscillating Airfoil.
N85-12316/4 **06**-*512,658* PC **A02**/MF **A01**

**NAS 1.15:86012**
Trends in Computational Capabilities for Fluid Dynamics.
N84-33383/0 **01**-*500,010* PC **A02**/MF **A01**

**NAS 1.15:86013**
Detection of Submillimeter Polarization in the Orion Nebula.
N85-13700/8 **07**-*514,388* PC **A02**/MF **A01**

**NAS 1.15:86015**
Fiber Optic Data Bus Using Frequency Division Multiplexing (FDM) (Frequency Division Multiplexing) and an Asymmetric Coupler.
N85-13139/9 **07**-*515,284* PC **A02**/MF **A01**

**NAS 1.15:86017**
Ultrareliable, Fault-Tolerant Control Systems: A Conceptual Description.
N85-29972/5 **22**-*550,526* PC **A02**/MF **A01**

**NAS 1.15:86018**
Status and Prospects of Computational Fluid Dynamics for Unsteady Transonic Viscous Flows.
N85-12037/6 **06**-*512,652* PC **A03**/MF **A01**

**NAS 1.15:86020**
Connection Between Multigrid and Cyclic Reduction.
N85-18629/4 **12**-*527,199* PC **A03**/MF **A01**

**NAS 1.15:86021**
Development of Computational Fluid Dynamics at NASA Ames Research Center.
N85-12866/8 **07**-*514,320* PC **A02**/MF **A01**

**NAS 1.15:86022**
Far-Infrared Photometry of Compact Extragalactic Sources: OJ 187 and BL Lac.
N85-13701/6 **07**-*514,389* PC **A02**/MF **A01**

**NAS 1.15:86035**
Comparison of Wortmann Airfoil Computer-Generated Lift and Drag Polars with Flight and Wind Tunnel Results.
N85-12868/4 **07**-*514,321* PC **A02**/MF **A01**

**NAS 1.15:86073**
Direct Evidence for Solar Wind Control of Jupiter's Hectometer-Wavelength Radio Emission.
N85-27790/3 **19**-*542,211* PC **A02**/MF **A01**

**NAS 1.15:86082**
Su(2) X U(1) Vacuum and the Centauro Events.
N85-17926/5 **11**-*523,376* PC **A02**/MF **A01**

**NAS 1.15:86085**
Nasa Climate Data Catalog.
N84-34827/5 **02**-*502,938* PC **A06**/MF **A01**

**NAS 1.15:86086**
Stream Dynamics Between 1 AU and 2 AU: A Detailed Comparison of Observations and Theory.
N85-26578/3 **18**-*539,754* PC **A03**/MF **A01**

**NAS 1.15:86113**
Geocoded Data Structures and Their Applications to Earth Science Investigations.
N84-35127/9 **02**-*503,829* PC **A03**/MF **A01**

**NAS 1.15:86115**
X-Ray Spectra of Clusters of Galaxies.
N84-35234/3 **02**-*502,867* PC **A02**/MF **A01**

**NAS 1.15:86125**
San Marco D/L Solar Array System Design and Performance.
N84-34795/4 **02**-*504,011* PC **A03**/MF **A01**

**NAS 1.15:86137**
Mhd Processes in the Outer Heliosphere.
N84-34391/2 **01**-*500,147* PC **A06**/MF **A01**

**NAS 1.15:86143**
User's Guide for the Nimbus 7 ERB Solar Analysis Tape (ESAT).
N85-19914/9 **13**-*528,402* PC **A05**/MF **A01**

**NAS 1.15:86144**
Wet Model of Saturn's Ionosphere: Water from the Rings.
N84-35262/4 **02**-*502,879* PC **A02**/MF **A01**

**NAS 1.15:86146**
Implications of a Class of Grand Unified Theories for Large Scale Structure in the Universe.
N84-35240/0 **02**-*502,871* PC **A02**/MF **A01**

**NAS 1.15:86148**
Geophysical Interpretation of Satellite Laser Ranging Measurements of Crustal Movement in California.
N84-34808/5 **02**-*503,752* PC **A03**/MF **A01**

**NAS 1.15:86149**
Prospectus for Thematic Mapper Research in the Earth Sciences.
N85-11416/3 **04**-*508,892* PC **A04**/MF **A01**

**NAS 1.15:86150**
Polar Rain: Solar Coronal Electrons in the Earth's Magnetosphere.
N85-16726/0 **10**-*521,028* PC **A04**/MF **A01**

**NAS 1.15:86151**
Pilot Climate Data System: User's Guide for CHARTS Subsystem.
N84-34975/2 **02**-*503,828* PC **A06**/MF **A01**

**NAS 1.15:86152**
General Scientific Information System to Support the Study of Climate-Related Data.
N84-35128/7 **02**-*502,941* PC **A04**/MF **A01**

**NAS 1.15:86154**
Physics of Nonmagnetic Relativistic Thermal Plasmas.
N84-35107/1 **02**-*505,053* PC **A08**/MF **A01**

**NAS 1.15:86155**
Scattering from Thin Dielectric Disks.
N85-15098/5 **09**-*520,754* PC **A03**/MF **A01**

**NAS 1.15:86156**
Nature of the Baryon Asymmetry.
N85-14784/1 **08**-*515,822* PC **A02**/MF **A01**

**NAS 1.15:86157**
Gamma-Ray Burster Recurrence Timescales.
N85-18942/1 **12**-*525,999* PC **A02**/MF **A01**

**NAS 1.15:86160**
Andean Tectonics: Implications for Satellite Geodesy.
N84-34809/3 **02**-*503,666* PC **A03**/MF **A01**

**NAS 1.15:86161**
Current Carriers for the Field-Aligned Current System.
N85-17925/7 **11**-*523,375* PC **A02**/MF **A01**

**NAS 1.15:86162**
Instrumental Background in Balloon-Borne gamma-Ray Spectrometers and Techniques for Its Reduction.
N85-18911/6 **12**-*525,986* PC **A05**/MF **A01**

**NAS 1.15:86166**
Mars-Earth Geographical Comparisons: A Pictorial View.
N85-11957/6 **04**-*508,027* PC **A03**/MF **A01**

**NAS 1.15:86167**
Simultaneous Ocean Cross-Section and Rainfall Measurements from Space with a Nadir-Pointing Radar.
N85-16273/3 **10**-*521,085* PC **A03**/MF **A01**

**NAS 1.15:86168**
Modulation Transfer Function (MTF) Measurement Techniques for Lenses and Linear Detector Arrays.
N85-19812/5 **13**-*529,949* PC **A02**/MF **A01**

**NAS 1.15:86169**
X-Ray Spectra of Supernova Remnants.
N85-18909/0 **12**-*525,984* PC **A06**/MF **A01**

**NAS 1.15:86170**
Data Report on Variations in the Composition of Sea Ice During Mizex/East'83 with the Nimbus-7 SMMR.
N85-18443/0 **12**-*526,864* PC **A07**/MF **A01**

**NAS 1.15:86171**
Sphere-Scanning Radiometer for Rapid Directional Measurements of Sky and Ground Radiance: The Parabola Field Instrument.
N85-12329/7 **06**-*513,917* PC **A05**/MF **A01**

**NAS 1.15:86172**
Recent Examples of Mesoscale Numerical Forecasts of Severe Weather Events Along the East Coast.
N85-12523/5 **06**-*512,778* PC **A04**/MF **A01**

**NAS 1.15:86173**
Galactic gamma-Ray Distribution: Implications for Galactic Structure and the Radial Cosmic Ray Gradient.
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**NAS 1.15:86174**
Physical Implications of an Isothermal Model for the Hot Intracluster Medium.

N85-21089/6 **14**-*530,873* PC **A03**/MF **A01**

**NAS 1.15:86175**
X-Ray Emission from Active Galactic Nuclei.
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**NAS 1.15:86176**
Consequences of Hot Gas in the Broad Line Region of Active Galactic Nuclei.
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**NAS 1.15:86177**
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N85-17403/5 **11**-*524,181* PC **A03**/MF **A01**

**NAS 1.15:86179**
Solar He-3-Rich Events and Non-Relativistic Electron Events: A New Association.
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**NAS 1.15:86180**
Altimetry, Orbits and Tides.
N85-17404/3 **11**-*524,079* PC **A09**/MF **A01**

**NAS 1.15:86181**
Infrared Horizon Sensor Modeling for Attitude Determination and Control: Analysis and Mission Experience.
N85-19016/3 **13**-*530,724* PC **A20**/MF **A01**

**NAS 1.15:86182**
Troposphere-Stratosphere (Surface-55 Km) Monthly General Circulation Statistics for the Northern Hemisphere-Four Year Averages.
N85-31730/3 **23**-*552,040* PC **A07**/MF **A01**

**NAS 1.15:86183**
21 Layer Troposphere-Stratosphere Climate Model.
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**NAS 1.15:86184**
Analysis of Nonvolatile Residue (NVR) from Spacecraft Systems.
N85-17019/9 **11**-*524,041* PC **A02**/MF **A01**

**NAS 1.15:86185**
Rationale and Suggested Approaches for Research Geosynchronous Satellite Measurements for Severe Storm and Mesoscale Investigations.
N85-18532/0 **12**-*526,035* PC **A03**/MF **A01**

**NAS 1.15:86186**
Effect of the Arbitrary Level Assignment of Satellite Cloud Motion Wind Vectors on Wind Analyses in the Pre-Thunderstorm Environment
N85-19565/9 **13**-*528,446* PC **A04**/MF **A01**

**NAS 1.15:86187**
Temporal and Spectral Characteristics of Solar Flare Hard X-Ray Emission.
N85-17923/2 **11**-*523,345* PC **A03**/MF **A01**

**NAS 1.15:86188**
Spectral Constraints on Models of Gas in Clusters of Galaxies.
N85-26468/7 **18**-*539,747* PC **A02**/MF **A01**

**NAS 1.15:86193**
Cosmic Ray Modulation and Turbulent Interaction Regions Near 11 AU.
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**NAS 1.15:86198**
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N85-30203/2 **22**-*550,366* PC **A06**/MF **A01**

**NAS 1.15:86199**
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**NAS 1.15:86205**
Assessment of VAS Soundings in the Analysis of a Preconvective Environment.
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**NAS 1.15:86208**
Topex Gravity Model Development Team Activities during Fiscal Year 1984.
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**NAS 1.15:86209**
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N85-27784/6 **19**-*542,209* PC **A03**/MF **A01**

**NAS 1.15:86210**
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Spanish Language Equivalents for a Glossary of Terms Used in the Field of Space Exploration.
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N85-18000/8 **12**-*525,857* PC **A02**/MF **A01**

**NAS 1.15:86259**
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N84-34439/9 **02**-*502,792* PC **A03**/MF **A01**

**NAS 1.15:86263**
Buckling Analysis for Rectangular Orthotropic Plates with Centrally Located Cutouts.
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**NAS 1.15:86270**
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**NAS 1.15:86276**
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**NAS 1.15:86277**
Langley Mach 4 Scramjet Test Facility.
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**NAS 1.15:86284**
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**NAS 1.15:86289**
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**NAS 1.15:86290**
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N85-15144/7 **09**-*519,824* PC **A04**/MF **A01**

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**NAS 1.15:86296**
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N85-16587/6 **10**-*522,919* PC **A04**/MF **A01**

**NAS 1.15:86299**
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**NAS 1.15:86302**
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**NAS 1.15:86303**
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Communications Protocols for a Fault Tolerant, Integrated Local Area Network for Space Station Applications.
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**NAS 1.15:86306**
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Theoretical and Experimental Studies of Error in Square-Law Detector Circuits.
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**NAS 1.15:86308**
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**NAS 1.15:86323**
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**NAS 1.15:86324**
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**NAS 1.15:86325**
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**NAS 1.15:86327**
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**NAS 1.15:86329**
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**NAS 1.15:86330**
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**NAS 1.15:86331**
Aerodynamic Characteristics of Some Lifting Reentry Concepts Applicable to Transatmospheric Vehicle Design Studies.
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**NAS 1.15:86334**
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**NAS 1.15:86338**
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N85-15796/4 **10**-*523,212* PC **A06**/MF **A01**

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**NAS 1.15:86340**
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Computer Sizing of Fighter Aircraft.
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Some Fighter Aircraft Trends.
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Advances in Composites Technology.
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**NAS 1.15:86354**
Efficient Implementation of Real-Time Programs under the VAX/VMS Operating System.
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**NAS 1.15:86355**
Characterization of Mode 1 and Mixed Mode Failure of Adhesive Bonds Between Composite Adherends.
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**NAS 1.15:86356**
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Preliminary Sizing and Performance of Aircraft.
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**NAS 1.15:86358**
Characterization of a Thermoplastic Polyimidesulfone.
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**NAS 1.15:86359**
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**NAS 1.15:86360**
Impact Studies of a 1/3-Scale Model of an Air Cushion Vehicle.
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**NAS 1.15:86362**
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**NAS 1.15:86363**
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**NAS 1.15:86364**
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**NAS 1.15:86368**
Modifications to the Nozzle Test Chamber to Extend Nozzle Static-Test Capability.
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**NAS 1.15:86369**
Theoretical Basis for the Analysis of Redundant Software Subject to Coincident Errors.
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**NAS 1.15:86370**
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**NAS 1.15:86373**
Broad-Band UHF Dipole Array.
N85-19222/7 **13**-*529,248* PC **A03**/MF **A01**

**NAS 1.15:86374**
Viscous Effects on Transonic Airfoil Stability and Response.
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**NAS 1.15:86375**
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Improving Engineering System Design by Formal Decomposition, Sensitivity Analysis, and Optimization.
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**NAS 1.15:86378**
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**NAS 1.15:86380**
Exploratory Flutter Test in a Cryogenic Wind Tunnel.
N85-21689/3 **14**-*530,755* PC **A02**/MF **A01**

**NAS 1.15:86381**
Two Degree-of-Freedom Flutter Solution for a Personal Computer.
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Selecting Step Sizes in Sensitivity Analysis by Finite Differences.
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**NAS 1.15:86383**
Background Noise Measurements from Jet Exit Vanes Designed to Reduced Flow Pulsations in an Open-Jet Wind Tunnel.
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**NAS 1.15:86384**
Vapor-Screen Technique for Flow Visualization in the Langley Unitary Plan Wind Tunnel.
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**NAS 1.15:86385**
Survey of Structural Material issues for a Space Station.
N85-33168/4 **26**-*562,060* PC **A02**/MF **A01**

**NAS 1.15:86386**
Structural Dynamics Model and Response of the Deployable Reference Configuration Space Station.
N85-33539/6 **26**-*562,074* PC **A05**/MF **A01**

**NAS 1.15:86387**
Exploiting Parallel Computing with Limited Program Changes Using a Network of Microcomputers.
N85-23318/7 **15**-*533,834* PC **A02**/MF **A01**

**NAS 1.15:86388**
Some Observations of Heated Gallium Arsenide Heteroface Solar Cells.
N85-23925/9 **17**-*538,154* PC **A04**/MF **A01**

**NAS 1.15:86391**
Impact Dynamics Research on Composite Transport Structures.
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**NAS 1.15:86394**
Application of Some Lifting-Body Reentry Concepts to Missile Design.
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**NAS 1.15:86395**
Scaling Blackbody Laser to High Powers.
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**NAS 1.15:86399**
Measurements in the Flow Field of a Cylinder with a Laser Transit Anemometer and a Drag Rake in the Langley 0.3 M Transonic Cryogenic Tunnel.
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**NAS 1.15:86400**
Community Survey of Helicopter Noise Annoyance Conducted under Controlled Noise Exposure Conditions.
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**NAS 1.15:86403**
Design Considerations for High-Altitude, Long-Endurance, Microwave-Powered Aircraft.

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**NAS 1.15:86404**
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Factors Affecting Dwell Times on Digital Displaying.
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**NAS 1.15:86407**
Guidelines for Development Structured Fortran Programs.
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**NAS 1.15:86408**
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**NAS 1.15:86409**
Long Range Downwind Propagation of Low-Frequency Sound.
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Crystallinity Determination by Curvefit Procedure for a Semi-Crystalline Polymer.
N85-25520/6 **18**-*540,352* PC **A03**/MF **A01**

**NAS 1.15:86414**
Study of an Efficient Long-Range Mach 2.7 Supersonic Transport Configuration Concept.
N85-32110/7 **24**-*554,581* PC **A04**/MF **A01**

**NAS 1.15:86415**
Technology Assessment of High Pulse Energy CO(2) Lasers for Remote Sensing from Satellites.
N85-30309/7 **22**-*551,317* PC **A03**/MF **A01**

**NAS 1.15:86416**
Synthesis and Characterization of Copolyimides with Varying Flexibilizing Groups.
N85-31296/5 **23**-*553,126* PC **A03**/MF **A01**

**NAS 1.15:86417**
Structures and Dynamics Division Research and Technology Plans for FY 1985 and Accomplishments for FY 1984.
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**NAS 1.15:86418**
Friction and Wear Behavior of Aluminum and Composite I-Beam Stiffened Airplane Skins.
N85-27852/1 **20**-*545,481* PC **A03**/MF **A01**

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Optimization of the Catalytic Oxidation of CO for Closed-Cycle CO2 Laser Applications.
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Abstract Specification Language for Markov Reliability Models.
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**NAS 1.15:86428**
Adhesive Evaluation of LARC-TPI (Langley Research Center Thermoplastic Polimide) and a Water-Soluble Version of LARC-TPI.
N85-30136/4 **22**-*550,372* PC **A03**/MF **A01**

**NAS 1.15:86429**
Nasa R and T Aerospace Plane Vehicles: Progress and Plans.
N85-25368/0 **18**-*542,041* PC **A11**/MF **A01**

**NAS 1.15:86431**
Investigation of Molecular Structure of Copolymers Using Positron Annihilation Spectroscopy.
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**NAS 1.15:86432**
Unsteady Transonic Flow Calculations for Interfering Lifting Surface Configurations.
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**NAS 1.15:86433**
Comparisons of Various Configurations of the Edge Delamination Test for Interlaminar Fracture Toughness.
N85-32151/1 **24**-*555,725* PC **A03**/MF **A01**

**NAS 1.15:86434**
New Finite Element Approach: Progress in Inviscid Flow Computations.
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Effect of Sensor and Actuator Errors on Static Shape Control for Large Space Structures.
N85-29998/0 **22**-*551,862* PC **A03**/MF **A01**

**NAS 1.15:86447**
STPI/LARC: A 200 Deg C Polyimide Adhesive.
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N85-32822/7 **24**-*557,064* PC **A03**/MF **A01**

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Numerical Study of Porous Airfoils in Transonic Flow.
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**NAS 1.15:86714**
Recent Developments in Rotary-Balance Testing of Fighter Aircraft Configurations at NASA Ames Research Center.
N85-32090/1 **24**-*554,550* PC **A03**/MF **A01**

**NAS 1.15:86715**
Application of CFD Techniques Toward the Validation of Nonlinear Aerodynamic Models.
N85-26671/6 **19**-*542,071* PC **A02**/MF **A01**

**NAS 1.15:86717**
Aerodynamic Characteristics of the Standard Dynamics Model in Coning Motion at Mach 0.6.
N85-32094/3 **24**-*554,553* PC **A04**/MF **A01**

**NAS 1.15:86724**
Numerical Simulation of the NFAC (National Full-Scale Aerodynamics Complex) Open-Return Wind Tunnel Inlet Flow.
N85-26672/4 **19**-*543,999* PC **A02**/MF **A01**

**NAS 1.15:86727**
Formulation and Implementation of Nonstationary Adaptive Estimation Algorithm with Applications to Air-Data Reconstruction.
N85-26699/7 **19**-*544,468* PC **A02**/MF **A01**

**NAS 1.15:86728**
Application of Frequency Domain Handling Qualities Criteria to the Longitudinal Landing Task.
N85-33124/7 **26**-*559,982* PC **A02**/MF **A01**

**NAS 1.15:86730**
Extraction of Aerodynamic Parameters for Aircraft at Extreme Flight Conditions.
N85-29686/1 **21**-*547,200* PC **A02**/MF **A01**

**NAS 1.15:86731**
Qualification Needs for Advanced Integrated Aircraft.
N85-33119/7 **26**-*559,994* PC **A02**/MF **A01**

**NAS 1.15:86732**
Development of a Temperature-Compensated Hot-Film Anemometer System for Boundary-Layer Transition Detection on High-Performance Aircraft.
N85-33121/3 **26**-*560,001* PC **A02**/MF **A01**

**NAS 1.15:86733**
Constant Altitude Flight Survey Method for Mapping Atmospheric Ambient Pressures and Systematic Radar Errors.
N85-29951/9 **22**-*550,952* PC **A02**/MF **A01**

**NAS 1.15:86735**
Fault Detection and Accommodation Testing on an F100 Engine in an F-15 Airplane.
N85-29962/6 **22**-*551,837* PC **A02**/MF **A01**

**NAS 1.15:86736**
Development of Control Laws for a Flight Test Maneuver Autopilot for an F-15 Aircraft.
N85-33122/1 **26**-*559,996* PC **A02**/MF **A01**

**NAS 1.15:86737**
Development and Validation of a General Purpose Linearization Program for Rigid Aircraft Models.
N85-32122/2 **24**-*554,583* PC **A02**/MF **A01**

**NAS 1.15:86738**
Flight Test Experience and Controlled Impact of a Large, Four-Engine, Remotely Piloted Airplane.
N85-33123/9 **26**-*559,997* PC **A02**/MF **A01**

**NAS 1.15:86739**
Design of an Expert-System Flight Status Monitor.
N85-32794/8 **24**-*554,588* PC **A02**/MF **A01**

**NAS 1.15:86744**
In-Flight Evaluation of Pure Time Delays in Pitch and Roll.
N85-32123/0 **24**-*554,561* PC **A02**/MF **A01**

**NAS 1.15:86748**
Performance Improvements of a Highly Integrated Digital Electronic Control System for an F-15 Airplane.
N85-32120/6 **24**-*554,587* PC **A02**/MF **A01**

**NAS 1.15:86749**
Identification of Unsteady Aerodynamics and Aeroelastic Integro-Differential Systems.
N85-32851/6 **24**-*554,554* PC **A03**/MF **A01**

**NAS 1.15:86752**
Implicit Finite-Difference Code for a Two-Equation Turbulence Model for Three-Dimensional Flows.
N85-31448/2 **23**-*554,197* PC **A02**/MF **A01**

**NAS 1.15:86753**
Generation of Three-Dimensional Body-Fitted Coordinates Using Hyperbolic Partial Differential Equations.
N85-31887/1 **23**-*553,230* PC **A03**/MF **A01**

**NAS 1.15:86754**
Effect of Ground and/or Ceiling Planes on Thrust of Rotors in Hover.
N85-31014/2 **23**-*551,881* PC **A03**/MF **A01**

**NAS 1.15:86761**
Viscous Flows in Rotating Pipes with Internal Cavities and Related Vortex Breakdowns.
N85-31447/4 **23**-*554,196* PC **A02**/MF **A01**

**NAS 1.15:86769**
Review of Shock Waves around Aeroassisted Orbital Transfer Vehicles.
N85-33177/5 **26**-*562,068* PC **A03**/MF **A01**

**NAS 1.15:86772**
Development of a New Laser Doppler Velocimeter for the Ames High Reynolds Channel No. 2.
N85-31477/1 **23**-*553,671* PC **A02**/MF **A01**

**NAS 1.15:86773**
Simulation of Complex Three-Dimensional Flows.
N85-32831/8 **24**-*556,652* PC **A02**/MF **A01**

**NAS 1.15:86775**
Generalized Formulation of a Class of Explicit and Implicit TVD Schemes.
N85-32830/0 **24**-*555,871* PC **A02**/MF **A01**

**NAS 1.15:86858**
Dynamics of Graphite Fiber Intercalation: In Situ Resistivity Measurements with a Four Point Probe.
N85-10105/3 **03**-*505,885* PC **A02**/MF **A01**

**NAS 1.15:86859**
Stability of Bromine Intercalated Graphite Fibers.
N85-10187/1 **03**-*506,413* PC **A02**/MF **A01**

**NAS 1.15:86860**
Design Description of a Microprocessor Based Engine Monitoring and Control Unit (EMAC) for Small Turboshaft.
N85-17935/6 **12**-*528,239* PC **A03**/MF **A01**

**NAS 1.15:86863**
Accelerated Convergence for Incompressible Flow Calculations.
N85-10949/4 **04**-*510,200* PC **A02**/MF **A01**

**NAS 1.15:86864**
Milling of Si3N4 with Si3N4 Hardware.
N85-10191/3 **03**-*506,747* PC **A02**/MF **A01**

**NAS 1.15:86865**
Computational Thermo-Fluid Dynamics Contributions to Advanced Gas Turbine Engine Design.
N85-10069/1 **03**-*507,853* PC **A02**/MF **A01**

**NAS 1.15:86866**
Effects of Tin on Microstructure and Mechanical Behavior of Inconel 718.
N85-12129/1 **06**-*513,592* PC **A02**/MF **A01**

**NAS 1.15:86867**
Aileron Controls for Wind Turbine Applications.
N85-11458/5 **04**-*509,270* PC **A02**/MF **A01**

**NAS 1.15:86868**
Reactions of Cobalt, Iron and Nickel in SO-2 Atmospheres: Similarities and Differences.
N85-11217/5 **04**-*508,826* PC **A02**/MF **A01**

**NAS 1.15:86869**
Model Equation for Simulating Flows in Multistage Turbomachinery.
N85-12036/8 **06**-*514,079* PC **A03**/MF **A01**

**NAS 1.15:86870**
Plasma Deposited Diamondlike Carbon on GaAs and InP.
N85-10844/7 **03**-*507,275* PC **A02**/MF **A01**

**NAS 1.15:86871**
Static Jet Noise Test Results of Four 0.35 Scale-Model QCGAT(Quiet Clean General Aviation Turbofan) Mixer Nozzles.
N85-13551/5 **07**-*515,689* PC **A03**/MF **A01**

**NAS 1.15:86872**
Case Study of Sample Spacing in Planar Near-Field Measurement of High Gain Antennas.
N85-10234/1 **03**-*506,223* PC **A02**/MF **A01**

**NAS 1.15:86873**
Baseline Performance and Emissions Data for a Single-Cylinder, Direct-Injected Diesel Engine.
N84-34330/0 **01**-*501,751* PC **A04**/MF **A01**

**NAS 1.15:86874**
Liquid Phase Products and Solid Deposit Formation from Thermally Stressed Model Jet Fuels.
N85-13066/4 **07**-*515,666* PC **A03**/MF **A01**

**NAS 1.15:86875**
Initial Testing of a Variable-Stroke Stirling Engine.
N85-19895/0 **13**-*530,687* PC **A03**/MF **A01**

**NAS 1.15:86876**
Ultrasonic Nondestructive Evaluation, Microstructure, and Mechanical Property Interrelations.
N85-10371/1 **03**-*506,806* PC **A03**/MF **A01**

**NAS 1.15:86878**
High Performance Fibers for Structurally Reliable Metal and Ceramic Composites.
N85-12095/4 **06**-*513,545* PC **A02**/MF **A01**

**NAS 1.15:86880**
Review and Analysis of Boundary Layer Transition Data for Turbine Application.
N85-10306/7 **03**-*507,310* PC **A02**/MF **A01**

**NAS 1.15:86881**
Experimental and Analytical Study of Ceramic-Coated Turbine-Tip Shroud Seals for Small Turbine Engines.
N85-18057/8 **12**-*528,241* PC **A03**/MF **A01**

**NAS 1.15:86882**
Studies on the Hot Corrosion of a Nickel-Base Superalloy, Udimet 700.
N85-11224/1 **04**-*509,431* PC **A03**/MF **A01**

**NAS 1.15:86883**
Simultaneous Cabin and Ambient Ozone Measurements on Two Boeing 747 Airplanes. Volume 3: October 1978 - July 1979.
N85-21872/5 **14**-*530,763* PC **A25**/MF **A01**

**NAS 1.15:86884**
Preliminary Results of a Study of the Relationship Between Free Stream Turbulence and Stagnation Region Heat Transfer.
N85-11317/3 **04**-*510,202* PC **A02**/MF **A01**

**NAS 1.15:86885**
Computer Program for Calculation of Complex Chemical Equilibrium Compositions and Applications. Supplement 1: Transport Properties.
N85-16663/5 **10**-*523,121* PC **A03**/MF **A01**

**NAS 1.15:86887**
Effect of Plasma on Solar Cell Array Arc Characteristics.
N85-11133/4 **04**-*509,323* PC **A02**/MF **A01**

**NAS 1.15:86888**
Stirling Material Technology.
N85-13007/8 **07**-*515,692* PC **A02**/MF **A01**

**NAS 1.15:86889**
Universal Binding Energy Relations in Metallic Adhesion.
N85-12132/5 **06**-*513,595* PC **A02**/MF **A01**

**NAS 1.15:86890**
Heat Transfer Results and Operational Characteristics of the NASA Lewis Research Center Hot Section Cascade Test Facility.
N85-15133/0 **09**-*519,823* PC **A02**/MF **A01**

**NAS 1.15:86891**
Use of an Optical Data Acquisition System for Bladed Disk Vibration Analysis.
N85-15184/3 **09**-*519,825* PC **A02**/MF **A01**

**NAS 1.15:86893**
New Integration Techniques for Chemical Kinetic Rate Equations. 2: Accuracy Comparison.
N85-13798/2 **08**-*518,194* PC **A02**/MF **A01**

**NAS 1.15:86894**
Demand for Satellite-Provided Domestic Communications Services Up to the Year 2000.
N85-15099/3 **09**-*519,867* PC **A03**/MF **A01**

**NAS 1.15:86895**
Effects of Silver and Group 2 Fluorides Addition to Plasma Sprayed Chromium Carbide High Temperature Solid Lubricant for Foil Gas Bearing to 650 Deg C.
N85-14928/4 **09**-*519,417* PC **A03**/MF **A01**

**NAS 1.15:86896**
Effect of Steady-State Temperature Distortion on Inlet Flow to a High-Bypass-Ratio Turbofan Engine.
N85-15725/3 **10**-*523,189* PC **A03**/MF **A01**

**NAS 1.15:86897**
Creep of Chemically Vapor Deposited SiC Fibers.
N85-14878/1 **09**-*519,374* PC **A02**/MF **A01**

**NAS 1.15:86898**
High Temperature Thermocouple and Heat Flux Gauge Using a Unique Thin Film-Hardware Hot Juncture.
N85-16096/8 **10**-*522,485* PC **A03**/MF **A01**

**NAS 1.15:86899**
Research and Technology Highlights of the Lewis Research Center.
N85-17928/1 **11**-*523,422* PC **A04**/MF **A01**

**NAS 1.15:86900**
Local Heat-Transfer Measurements on a Large, Scale-Model Turbine Blade Airfoil Using a Composite of a Heater Element and Liquid Crystals.
N85-33435/7 **26**-*561,931* PC **A02**/MF **A01**

**NAS 1.15:86901**
Overview of Waste Heat Utilization Systems.
N85-13692/7 **07**-*514,922* PC **A02**/MF **A01**

**NAS 1.15:86902**
Effect of Substituted Phenylnadimides on Processing and Properties of PMR Polyimide Composites.
N85-14929/2 **09**-*519,371* PC **A02**/MF **A01**

**NAS 1.15:86903**
Three-Dimensional Axisymmetric Calculation Procedure for Turbulent Flows in a Radial Vaneless Diffuser.
N85-14798/1 **09**-*520,210* PC **A02**/MF **A01**

**NAS 1.15:86904**
Effect of Water on Hydrogen Permeability.
N85-14864/1 **09**-*518,933* PC **A02**/MF **A01**

**NAS 1.15:86905**
Optimization of the Nicral-Y/Zro-Y2O3 Thermal Barrier System.
N85-15878/0 **10**-*522,090* PC **A02**/MF **A01**

**NAS 1.15:86906**
Icing Flight Research: Aerodynamic Effects of Ice and Ice Shape Documentation with Stereo Photography.
N85-18049/5 **12**-*525,866* PC **A03**/MF **A01**

**NAS 1.15:86907**
Characterization of MMIC Devices for Active Array Antennas.
N85-15779/0 **10**-*522,002* PC **A02**/MF **A01**

**NAS 1.15:86908**
Experimental Compliance Calibration of the NASA Lewis Research Center Mode 2 Fatigue Specimen.
N85-16205/5 **10**-*522,494* PC **A02**/MF **A01**

**NAS 1.15:86909**
Design Procedures for Fiber Composite Structural Components: Panels Subjected to Combined in-Plane Loads.
N85-15823/6 **10**-*522,098* PC **A03**/MF **A01**

**NAS 1.15:86911**
Experimental Study of the Spray Characteristics of a Research Airblast Atomizer.
N85-15727/9 **10**-*523,190* PC **A02**/MF **A01**

**NAS 1.15:86912**
Analytical Modeling of Circuit Aerodynamics in the New NASA Lewis Wind Tunnel.
N85-15688/3 **10**-*520,938* PC **A02**/MF **A01**

**NAS 1.15:86913**
Local Total Strain Redistribution Using a Simplified Cyclic Inelastic Analysis Based on an Elastic Solution.
N85-21690/1 **14**-*532,695* PC **A02**/MF **A01**

**NAS 1.15:86914**
Unsteady Pressure Measurements on a Biconvex Airfoil in a Transonic Oscillating Cascade.
N85-15689/1 **10**-*520,939* PC **A02**/MF **A01**

**NAS 1.15:86915**
Fundamental Tribological Properties of Ceramics.
N85-15893/9 **10**-*522,081* PC **A02**/MF **A01**

**NAS 1.15:86916**
NASA Lewis Research Center/University Graduate Research Program on Engine Structures.
N85-18375/4 **12**-*528,247* PC **A02**/MF **A01**

**NAS 1.15:86918**
Shutdown Characteristics of the MOD-O Wind Turbine with Aileron Controls.
N85-16299/8 **10**-*522,036* PC **A02**/MF **A01**

**NAS 1.15:86919**
Analytical and Physical Modeling Program for the NASA Lewis Research Center's Altitude Wind Tunnel (AWT).
N85-15757/6 **10**-*522,479* PC **A02**/MF **A01**

**NAS 1.15:86920**
NASA Altitude Wind Tunnel (AWT): Its Role in Advanced Icing Research and Development.
N85-15758/4 **10**-*522,480* PC **A02**/MF **A01**

**NAS 1.15:86921**
Altitude Wind Tunnel (AWT): A Unique Facility for Propulsion System and Adverse Weather Testing.
N85-18067/7 **12**-*527,484* PC **A02**/MF **A01**

**NAS 1.15:86923**
Integrating Chemical Kinetic Rate Equations by Selective Use of Stiff and Nonstiff Methods.
N85-15726/1 **10**-*521,733* PC **A02**/MF **A01**

**NAS 1.15:86924**
Study of Interply Layer Effects on the Free-Edge Stress Field of Angleplied Laminates.
N85-15822/8 **10**-*522,097* PC **A03**/MF **A01**

**NAS 1.15:86925**
UH-1H Helicopter Icing Flight Test Program: An Overview.
N85-15702/2 **10**-*520,962* PC **A03**/MF **A01**

**NAS 1.15:86926**
Tribological Properties of Graphite-Fiber-Reinforced, Partially Fluorinated Polyimide Composites.
N85-18153/5 **12**-*527,086* PC **A03**/MF **A01**

**NAS 1.15:86927**
Contact Angle and Surface Tension Measurements of a Five-Ring Polyphenyl Ether.
N85-15897/0 **10**-*522,159* PC **A02**/MF **A01**

**NAS 1.15:86928**
Analysis of Experimental Shaft Seal Data for High-Performance Turbomachines, as for Space Shuttle Main Engines.
N85-21569/7 **14**-*532,887* PC **A02**/MF **A01**

**NAS 1.15:86929**
Study of Spectrum Fatigue Crack Propagation in Two Aluminum Alloys. 1: Spectrum Simplification.
N85-18124/6 **12**-*527,125* PC **A02**/MF **A01**

**NAS 1.15:86930**
Study of Spectrum Fatigue Crack Propagation in Two Aluminum Alloys. 2: Influence of Microstructures.
N85-18125/3 **12**-*527,126* PC **A02**/MF **A01**

**NAS 1.15:86931**
Replaceable Blade Turbine and Stationary Specimen Corrosion Testing Facility.
N85-18126/1 **12**-*528,244* PC **A02**/MF **A01**

**NAS 1.15:86932**
Factors Influencing the Ball Milling of Si3N4 in Water.
N85-19136/9 **13**-*529,436* PC **A02**/MF **A01**

**NAS 1.15:86933**
Low Cycle Fatigue of Mar-M 200 Single Crystals at 760 and 870 Deg C.
N85-19074/2 **13**-*529,494* PC **A03**/MF **A01**

**NAS 1.15:86934**
Characterization of Erosion of Metallic Materials under Cavitation Attack in a Mineral Oil.
N85-19075/9 **13**-*529,495* PC **A02**/MF **A01**

**NAS 1.15:86935**
Further Comparison of Wind Tunnel and Airplane Acoustic Data for Advanced Design High Speed Propeller Models.
N85-22108/3 **14**-*530,780* PC **A02**/MF **A01**

**NAS 1.15:86936**
Flow Visualization Study of the Effect of Injection Hole Geometry on an Inclined Jet in Crossflow.
N85-20269/5 **14**-*532,574* PC **A03**/MF **A01**

**NAS 1.15:86937**
B2 Aluminides as Alternative Materials.
N85-19076/7 **13**-*529,496* PC **A03**/MF **A01**

**NAS 1.15:86938**
High Temperature Properties of Equiatomic FeAl with Ternary Additions.
N85-19072/6 **13**-*529,492* PC **A02**/MF **A01**

**NAS 1.15:86939**
Experimental Study of Ceramic Coated Tip Seals for Turbojet Engines.
N85-19363/9 **13**-*530,678* PC **A02**/MF **A01**

**NAS 1.15:86940**
Ribbon Burner Simulation of T-700 Turbine Shroud for Ceramic Lined Seals Research.
N85-19364/7 **13**-*530,679* PC **A02**/MF **A01**

**NAS 1.15:86941**
Rapidly Solidified NiAl and FeAl.
N85-20042/6 **14**-*531,870* PC **A02**/MF **A01**

**NAS 1.15:86942**
Response of Cobalt-Free Udimet 700 Type Alloy to Modified Heat Treatments.
N85-20043/4 **14**-*531,871* PC **A03**/MF **A01**

**NAS 1.15:86943**
Role of Silver in Self-Lubricating Coatings for Use at Extreme Temperatures.
N85-20127/5 **14**-*531,891* PC **A02**/MF **A01**

**NAS 1.15:86944**
Liquid Fuel Spray Processes in High-Pressure Gas Flow.
N85-21570/5 **14**-*532,748* PC **A02**/MF **A01**

**NAS 1.15:86945**
Radiographic Detectability Limits for Seeded Voids in Sintered Silicon Carbide and Silicon Nitride.
N85-21674/5 **14**-*531,830* PC **A02**/MF **A01**

**NAS 1.15:86946**
Radiation Exposure and Performance of Multiple Burn Leo-Geo Orbit Transfer Trajectories.
N85-21228/0 **14**-*532,894* PC **A02**/MF **A01**

**NAS 1.15:86947**
Rail Accelerator Technology and Applications.
N85-21258/7 **14**-*532,267* PC **A02**/MF **A01**

**NAS 1.15:86948**
Effect of Interfacial Characteristics of Metal Clad Polymeric Substrates on Electrical High Frequency Interconnection Performance.
N85-20223/2 **14**-*531,639* PC **A02**/MF **A01**

**NAS 1.15:86949**
Nde for Heat Engine Ceramics.
N85-20389/1 **14**-*531,828* PC **A02**/MF **A01**

**NAS 1.15:86950**
Development of Large, Horizontal-Axis Wind Turbines.
N85-23242/9 **15**-*533,949* PC **A02**/MF **A01**

**NAS 1.15:86951**
Preliminary Analysis of Tone-Excited Two-Stream Jet Velocity Decay.
N85-21114/2 **14**-*530,748* PC **A02**/MF **A01**

**NAS 1.15:86952**
Advanced Liner-Cooling Techniques for Gas Turbine Combustors.
N85-21115/9 **14**-*532,841* PC **A02**/MF **A01**

**NAS 1.15:86953**
Comparative Evaluation of Three Alternative Power Cycles for Waste Heat Recovery from the Exhaust of Adiabatic Diesel Engines.
N85-32043/0 **23**-*553,340* PC **A03**/MF **A01**

**NAS 1.15:86955**
Vacuum Chamber Pressure Effects on Thrust Measurements of Low Reynolds Number Nozzles.
N85-21259/5 **14**-*532,858* PC **A02**/MF **A01**

**NAS 1.15:86956**
Compatibility Experiments of Facilities, Materials, and Propellants for Electrothermal Thrusters.
N85-21260/3 **14**-*532,859* PC **A02**/MF **A01**

**NAS 1.15:86957**
New Very High Voltage Semiconductor Switch
N85-20246/3 **14**-*531,641* PC **A02**/MF **A01**

**NAS 1.15:86958**
Lubrication and Performance of High-Speed Rolling-Element Bearings.
N85-21658/8 **14**-*532,847* PC **A02**/MF **A01**

**NAS 1.15:86959**
Digital Temperature and Velocity Control of Mach 0.3 Atmospheric Pressure Durability Testing Burner Rigs in Long Time, Unattended Cyclic Testing.
N85-21321/3 **14**-*531,995* PC **A03**/MF **A01**

**NAS 1.15:86960**
Gaas and 3-5 Compound Solar Cells Status and Prospects for Use in Space.
N85-21261/1 **14**-*531,801* PC **A02**/MF **A01**

**NAS 1.15:86961**
Experimental Investigation of Microstrip Properties on Soft Substrates from 2 to 40 Ghz.
N85-20224/0 **14**-*531,640* PC **A02**/MF **A01**

**NAS 1.15:86962**
Tribological Properties of Boron Nitride Synthesized by Ion Beam Deposition.
N85-21355/1 **14**-*531,443* PC **A02**/MF **A01**

**NAS 1.15:86963**
Combustion Research for Gas Turbine Engines.
N85-21164/7 **14**-*532,743* PC **A02**/MF **A01**

**NAS 1.15:86964**
Characterization of Lubricated Bearing Surfaces Operated under High Loads.
N85-21357/7 **14**-*531,892* PC **A02**/MF **A01**

**NAS 1.15:86965**
Tribological Systems as Applied tc Aircraft Engines.
N85-21657/0 **14**-*532,846* PC **A02**/MF **A01**

**NAS 1.15:86966**
Formation of High Molecular Weight Products from Benzene During Boundary Lubrication.
N85-22644/7 **15**-*534,056* PC **A02**/MF **A01**

**NAS 1.15:86967**
Noise Constraints Effecting Optimal Propeller Designs.
N85-19923/0 **14**-*530,741* PC **A02**/MF **A01**

**NAS 1.15:86968**
Computer Simulation of Thin Film Nucleation and Growth: The Volmer-Weber Case.
N85-21264/5 **14**-*532,562* PC **A02**/MF **A01**

**NAS 1.15:86969**
Advanced Research and Technology Programs for Advanced High-Pressure Oxygen-Hydrogen Rocket Propulsion.
N85-21231/4 **14**-*532,857* PC **A02**/MF **A01**

**NAS 1.15:86970**
Operational Performance of the Photovoltaic-Powered Grain Mill and Water Pump at Tangaye, Burkina Faso (Formerly Upper Volta).
N85-23243/7 **15**-*533,950* PC **A03**/MF **A01**

**NAS 1.15:86972**
Photovoltaic Powered Vaccine Refrigerator-Freezer Systems Field Test Results.
N85-27386/0 **19**-*542,509* PC **A05**/MF **A01**

**NAS 1.15:86973**
Evaluation Results of the 700 Deg C Chinese Strain Gauges.
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Implicit, Conservative, Zonal-Boundary Scheme for Euler Equation Calculations.
N85-18290/5 **12**-*527,923* PC **A03**/MF **A01**

**NAS 1.26:3866**
Mechanisms of Flame Holding in the Wake of a Bluff Body.
N85-21166/2 **14**-*532,744* PC **A09**/MF **A01**

**NAS 1.26:3868**
Unsteady Analysis of Rotor Blade Tip Flow.
N85-25202/1 **18**-*539,647* PC **A04**/MF **A01**

**NAS 1.26:3869**
Investigation of Flowfields Found in Typical Combustor Geometries.
N85-21167/0 **14**-*532,844* PC **A09**/MF **A01**

**NAS 1.26:3870**
System Software for the Finite Element Machine.
N85-18622/9 **12**-*526,932* PC **A03**/MF **A01**

**NAS 1.26:3871**
Accelerated Viscoelastic Characterization of T300-5208 Graphite-Epoxy Laminates.
N85-21271/0 **14**-*531,845* PC **A11**/MF **A01**

**NAS 1.26:3872**
Resistance Fail Strain Gage Technology as Applied to Composite Materials.
N85-19024/7 **13**-*529,460* PC **A03**/MF **A01**

**NAS 1.26:3873**
Corrections for Attached Sidewall Boundary-Layer Effects in 2-Dimensional Airfoil Testing.
N85-17997/6 **12**-*525,854* PC **A03**/MF **A01**

**NAS 1.26:3874**
Test Results from a Comparative Evaluation of a Condensation Nuclei Fire Detector.
N85-21675/2 **14**-*532,223* PC **A04**/MF **A01**

**NAS 1.26:3876**
Theoretical Studies of the Ignition and Combustion of Silane-Hydrogen-Air Mixtures.
N85-19032/0 **13**-*530,573* PC **A03**/MF **A01**

**NAS 1.26:3877**
Stress Waves in an Isotropic Elastic Plate Excited by a Circular Transducer.
N85-20390/9 **14**-*532,263* PC **A04**/MF **A01**

**NAS 1.26:3878**
Theory of Post-Stall Transients in Multistage Axial Compression Systems.
N85-21117/5 **14**-*532,842* PC **A06**/MF **A01**

**NAS 1.26:3881**
Longitudinal Splitting in Unidirectional Composites, Analysis and Experiments.
N85-22639/7 **15**-*534,006* PC **A06**/MF **A01**

**NAS 1.26:3882**
Propeller Propulsion System Integration. State of Technology Survey.
N85-21119/1 **14**-*530,775* PC **A09**/MF **A01**

**NAS 1.26:3884**
Numerical Study of Large-Eddy Breakup and Its Effect on the Drag Characteristics of Boundary Layers.
N85-21272/8 **14**-*532,584* PC **A05**/MF **A01**

**NAS 1.26:3885**
Computations of Two-Dimensional Airfoil-Vortex Interactions.
N85-23709/7 **17**-*537,007* PC **A05**/MF **A01**

**NAS 1.26:3886**
Research Opportunities in Human Behavior and Performances.
N85-23299/9 **15**-*533,193* PC **A05**/MF **A01**

**NAS 1.26:3887**
Method for the Prediction of the Installation Aerodynamics of a Propfan at Subsonic Speeds.
N85-22369/1 **15**-*533,830* PC **A06**/MF **A01**

**NAS 1.26:3888**
Research on the Effect of Noise at Different Times of Day: Models, Methods and Findings.
N85-23375/7 **15**-*534,726* PC **A05**/MF **A01**

**NAS 1.26:3889**
Design of Multivariable Feedback Control Systems Via Spectral Assignment Using Reduced-Order Models and Reduced-Order Observers.
N85-23800/4 **17**-*538,325* PC **A07**/MF **A01**

**NAS 1.26:3890**
IPAD: Integrated Programs for Aerospace-Vehicle Design.
N85-26221/0 **18**-*539,679* PC **A03**/MF **A01**

**NAS 1.26:3891**
Technology for Pressure-Instrumented Thin Airfoil Models, Phase 1.
N85-23804/6 **17**-*538,706* PC **A04**/MF **A01**

**NAS 1.26:3892**
Contribution of Tonal Components to the Overall Loudness, Annoyance and Noisiness of Noise: Relation Between Single Tones and Noise Spectral Shape.
N85-26317/6 **18**-*541,648* PC **A07**/MF **A01**

**NAS 1.26:3895**
Investigation of Technology Needs for Avoiding Helicopter Pilot Error Related Accidents.
N85-25220/3 **18**-*539,660* PC **A04**/MF **A01**

**NAS 1.26:3898**
Convective Storm Downdraft Outflows Detected by NASA/MSFC's Airborne 10.6 Micron Pulsed Doppler Lidar System.
N85-28511/2 **20**-*544,612* PC **A03**/MF **A01**

**NAS 1.26:3899**
Calculation of Steady and Unsteady Airfoil Flow Fields Via the Navier-Stokes Equations.
N85-33105/6 **26**-*559,976* PC **A06**/MF **A01**

**NAS 1.26:3900**
Study on Needs for a Magnetic Suspension System Operating with a Transonic Wind Tunnel.
N85-26759/9 **19**-*543,685* PC **A06**/MF **A01**

**NAS 1.26:3901**
Analysis of the NASA/MSFC Airborne Doppler Lidar Results from San Gorgonio Pass, California.
N85-27463/7 **19**-*542,265* PC **A04**/MF **A01**

**NAS 1.26:3903**
Investigation of Superlattice Device Structures.
N85-29152/4 **21**-*549,010* PC **A05**/MF **A01**

**NAS 1.26:3904**
Ultrasonic Testing of Plates Containing Edge Cracks.
N85-29307/4 **21**-*548,690* PC **A03**/MF **A01**

**NAS 1.26:3905**
Excitation of Turbulence by Density Waves.
N85-30546/4 **22**-*549,435* PC **A04**/MF **A01**

**NAS 1.26:3907**
Use of Moments of Momentum to Account for Crystal Habits.
N85-31232/0 **23**-*554,167* PC **A03**/MF **A01**

**NAS 1.26:3908**
Error-Dependent Model of Instrument-Scanning Behavior in Commercial Airline Pilots.
N85-32765/8 **24**-*554,912* PC **A09**/MF **A01**

**NAS 1.26:3909**
Exponential Order Statistic Models of Software Reliability Growth.
N85-31852/5 **23**-*552,819* PC **A05**/MF **A01**

**NAS 1.26:3911**
Publications of the NASA CELSS (Controlled Ecological Life Support Systems) Program.
N85-30608/2 **22**-*549,883* PC **A03**/MF **A01**

**NAS 1.26:3920**
Modeling and Measurement of Fault-Tolerant Multiprocessors.
N85-33732/7 **26**-*560,695* PC **A04**/MF **A01**

**NAS 1.26:3922**
USSR Space Life Sciences Digest.
N85-32709/6 **24**-*557,193* PC **A05**/MF **A01**

**NAS 1.26:17395**
Silicon Solar Cell Process Development, Fabrication and Analysis.
N84-34020/7 **01**-*501,458* PC **A02**/MF **A01**

**NAS 1.26:159327**
Preliminary Design Study of a Higher Harmonic Blade Feathering Control System.
N84-33418/4 **01**-*500,043* PC **A06**/MF **A01**

**NAS 1.26:159389**
Results of Design Studies and Wind Tunnel Tests of an Advanced High Lift System for an Energy Efficient Transport.
N84-33403/6 **01**-*500,041* PC **A16**/MF **A01**

**NAS 1.26:165550**
Hot Isostatically Pressed Manufacture of High Strength Merl 76 Disk and Seal Shapes.
N85-11225/8 **04**-*509,432* PC **A02**/MF **A01**

**NAS 1.26:165558**
Energy Efficient Engine. High Pressure Compressor Detail Design Report.
N85-10998/1 **04**-*510,535* PC **A08**/MF **A01**

**NAS 1.26:165800**
VORCAM: A Computer Program for Calculating Vortex Lift Effect of Cambered Wings by the Suction Analogy.
N84-33387/1 **01**-*500,013* PC **A06**/MF **A01**

**NAS 1.26:165843**
Application of an Aerodynamic Analysis Method Including Attainable Thrust Estimates to Low Speed Leading-Edge Flap Design for Supersonic Cruise Vehicles.
N85-29918/8 **22**-*549,273* PC **A03**/MF **A01**

**NAS 1.26:165872**
Applications of Aerospace Technology in Biology and Medicine.
N85-11521/0 **04**-*508,529* PC **A07**/MF **A01**

**NAS 1.26:165885**
Advanced Manufacturing Development of a Composite Empennage Component for L-1011 Aircraft.
N85-11141/7 **04**-*507,926* PC **A05**/MF **A01**

**NAS 1.26:165902**
Vorcor: A Computer Program for Calculating Characteristics of Wings with Edge Vortex Separation by Using a Vortex-Filament and-Core Model.
N85-10921/3 **04**-*507,884* PC **A11**/MF **A01**

**NAS 1.26:165930**
Hybrid Laminar Flow Control Study.
N85-10933/8 **04**-*507,920* PC **A08**/MF **A01**

**NAS 1.26:165937**
Computer Program for Prediction of Capture Maneuver Probability for an on-off Reaction Controlled Upper Stage.
N85-28611/0 **20**-*547,179* PC **A05**/MF **A01**

**NAS 1.26:165949**
Nozzle Performance Calibration and Turbomachinery Operational Analysis of Turbo-Powered Simulators (Tps) for the NASA-Langley Eet Propulsion Airframe Integration Investigation.
N84-33416/8 **01**-*501,972* PC **A06**/MF **A01**

**NAS 1.26:165963-V-1**
Integrated Application of Active Controls (IAAC) Technology to an Advanced Subsonic Transport Project. ACT/Control/Guidance System Study, Volume 1.
N85-14837/7 **09**-*518,351* PC **A09**/MF **A01**

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**NAS 1.26:165968**
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**NAS 1.26:165997**
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N85-11318/1 **04**-*510,203* PC **A07**/MF **A01**

**NAS 1.26:166009**
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N85-11006/2 **04**-*507,939* PC **A02**/MF **A01**

**NAS 1.26:166011**
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**NAS 1.26:166012**
Full-Scale Testing, Production and Cost Analysis Data for the Advanced Composite Stabilizer for Boeing 737 Aircraft, Volume 2.
N85-13915/2 **08**-*515,754* PC **A06**/MF **A01**

**NAS 1.26:166043**
Cost and Benefits Optimization Model for Fault-Tolerant Aircraft Electronic Systems.
N85-15993/7 **10**-*520,968* PC **A13**/MF **A01**

**NAS 1.26:166068**
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N85-30707/2 **22**-*550,249* PC **A06**/MF **A01**

**NAS 1.26:166078**
Nonlinear Potential Analysis Techniques for Supersonic-Hypersonic Configuration Design.
N85-29917/0 **22**-*549,272* PC **A05**/MF **A01**

**NAS 1.26:166081**
Force and Moment Measurements on a 74 Deg delta Wing with an Apex Flap.
N85-10918/9 **04**-*507,882* PC **A02**/MF **A01**

**NAS 1.26:166083**
Fuel Containment and Damage Tolerance in Large Composite Primary Aircraft Structures.
N85-30032/5 **22**-*549,313* PC **A02**/MF **A01**

**NAS 1.26:166100**
Applications of Aerospace Technology in Biology and Medicine.
N85-30619/9 **22**-*549,818* PC **A06**/MF **A01**

**NAS 1.26:166304**
Engine Trade Study for a Supersonic Stovl Fighter-Attack Aircraft, Volume 1.
N85-10910/6 **04**-*510,522* PC **A04**/MF **A01**

**NAS 1.26:166317**
BGRID: A Block-Structured Grid Generation Code for Wing Sections.
N84-34187/4 **01**-*500,018* PC **A03**/MF **A01**

**NAS 1.26:166437**
Speed Benefits of Tilt-Rotor Designs for LHX.
N85-15717/0 **10**-*520,966* PC **A05**/MF **A01**

**NAS 1.26:166443**
Integrated Technology Rotor/Flight Research Rotor (ITR/FRR) Concept Definition.
N85-18978/5 **13**-*528,317* PC **A05**/MF **A01**

**NAS 1.26:166444**
Integrated Technology Rotor/Flight Research Rotor (ITR/FRR) Concept Definition Study.
N85-18981/9 **13**-*528,320* PC **A07**/MF **A01**

**NAS 1.26:166445**
Integrated Technology Rotor/Flight Research Rotor (ITR/FRR) Concept Definition.
N85-18979/3 **13**-*528,318* PC **A07**/MF **A01**

**NAS 1.26:166446**
Integrated Technology Rotor/Flight Research Rotor Concept Definition Study.
N85-18980/1 **13**-*528,319* PC **A05**/MF **A01**

**NAS 1.26:166447**
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N85-18051/1 **12**-*525,887* PC **A10**/MF **A01**

**NAS 1.26:166476**
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N85-14802/1 **09**-*518,327* PC **A09**/MF **A01**

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Vapor-Liquid Phase Separator Studies.
N85-32272/5 **24**-*555,697* PC **A02**/MF **A01**

**NAS 1.26:166570**
Comparison of Frequency-Domain and Time-Domain Rotorcraft Vibration Control Methods.
N84-34431/6 **02**-*502,790* PC **A07**/MF **A01**

**NAS 1.26:166571**
Investigation of Imaging and Flight Guidance Concepts for Rotorcraft Zero Visibility Approach and Landing.
N85-27843/0 **20**-*544,507* PC **A08**/MF **A01**

**NAS 1.26:166591**
Computer Programs to Predict Induced Effects of Jets Exhausting into a Crossflow.
N85-13776/8 **08**-*515,724* PC **A08**/MF **A01**

**NAS 1.26:166595**
Development of New and Improved Polymer Matrix Resin Systems, Phase 1.
N85-10104/6 **03**-*505,884* PC **A04**/MF **A01**

**NAS 1.26:166596**
Workload Book: Assessment of Operator Workload to Engineering Systems.
N84-34160/1 **01**-*500,373* PC **A02**/MF **A01**

**NAS 1.26:166599**
Advanced Strain-Isolation-Pad Material with Bonded Fibrous Construction.
N84-33592/6 **01**-*501,527* PC **A04**/MF **A01**

**NAS 1.26:166600**
Double Layered Tailorable Advanced Blanket Insulation.
N84-33591/8 **01**-*501,526* PC **A03**/MF **A01**

**NAS 1.26:166601**
RATFOR User's Guide Version 2.0.
N85-16490/3 **10**-*521,967* PC **A04**/MF **A01**

**NAS 1.26:166602**
Wake Profile Measurements of Fixed and Oscillating Flaps.
N84-34428/2 **02**-*502,779* PC **A03**/MF **A01**

**NAS 1.26:166603**
Laser Velocimeter Measurements of Dynamic Stall.
N84-34429/0 **02**-*502,780* PC **A02**/MF **A01**

**NAS 1.26:166604**
Flow-Field Measurements on an Airfoil with an Oscillating Trailing-Edge Using Holographic Interferometry.
N84-34430/8 **02**-*502,781* PC **A07**/MF **A01**

**NAS 1.26:166605**
Conceptual Design of a Hybrid Ge:Ga. Detector Array.
N84-34708/7 **02**-*502,865* PC **A07**/MF **A01**

**NAS 1.26:166607**
Periodic Control of the Individual-Blade-Control Helicopter Rotor.
N84-34771/5 **02**-*502,795* PC **A09**/MF **A01**

**NAS 1.26:166609**
Study to Eliminate Ground Resonance Using Active Controls.
N85-15715/4 **10**-*520,965* PC **A06**/MF **A01**

**NAS 1.26:166610**
Study of Flow Past an Airfoil with a Jet Issuing from Its Lower Surface.
N85-12860/1 **07**-*514,316* PC **A03**/MF **A01**

**NAS 1.26:166611**
Rotorcraft Digital Advanced Avionics System (RODAAS) Functional Description.
N85-25237/7 **16**-*539,685* PC **A09**/MF **A01**

**NAS 1.26:166612**
Pointing and Control System Design Study for the Space Infrared Telescope Facility (SIRTF).
N85-15795/6 **10**-*521,017* PC **A10**/MF **A01**

**NAS 1.26:166613**
Thermal and Cryogenic Design Study for Space Infrared Telescope Facility (SIRTF).
N85-15793/1 **10**-*521,015* PC **A08**/MF **A01**

**NAS 1.26:166614**
Study of Alternate Optical and Fine Guidance Sensor Designs for the Space Infrared Telescope Facility (SIRTF).
N85-15794/9 **10**-*521,016* PC **A08**/MF **A01**

**NAS 1.26:166615**
Problems Associated with the Utilization of Algae in Bioregenerative Life Support Systems.
N85-16469/7 **10**-*521,415* PC **A02**/MF **A01**

**NAS 1.26:167689**
Space Shuttle Afrsi Oms Pod Environment Test Using Model 81-0 Test Fixture in the Ames Research Center 9X7-Foot Supersonic Wind Tunnel (Os-314A/B/C).
N84-34464/7 **02**-*505,241* PC **A05**

**NAS 1.26:167692**
Results of Tests of Advanced Flexible Insulation Vortex and Flow Environments in the North American Aerodynamics Laboratory Lowspeed Wind Tunnel Using 0.0405-Scale Space Shuttle Orbiter Model 16-0 (Test Oa-309).
N85-10096/4 **03**-*507,865* PC **A06**

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Results of Aeroheating Dfi and et Design-Data Test on a 0.0175-Scale Model 60-Ots Conducted in the von Karman Gas Dynamics Facility (VKF) 40' Supersonic and the 50' Hypersonic Wind Tunnels A and C.
N85-22466/5 **15**-*535,295* PC **A08**/MF **A01**

**NAS 1.26:167694**
Results of the AFRSI Rewaterproofing Systems Screening Test in the NASA/Ames Research Center (Arc) 2 X 2-Foot Transonic Wind Tunnel.
N85-22467/3 **15**-*535,296* PC **A06**/MF **A01**

**NAS 1.26:167695**
Results of a M = 5.3 Heat Transfer Test of the Integrated Vehicle Using Phase-Change Paint Techniques on the 0.0175-Scale Model 56-OtS in the NASA/Ames Research Center 3.5-Foot Hypersonic Wind Tunnel.
N85-22468/1 **15**-*535,297* PC **A03**/MF **A01**

**NAS 1.26:167817**
Flame Resistant Fibrous Materials Development.
N85-15827/7 **10**-*522,114* PC **A02**/MF **A01**

**NAS 1.26:167851**
Advanced Blade Tip Seal System, Volume 2.
N85-10999/9 **04**-*510,536* PC **A03**/MF **A01**

**NAS 1.26:167870**
Energy Efficient Engine ICLS Nacelle Detail Design Report.
N85-10993/2 **04**-*510,530* PC **A06**/MF **A01**

**NAS 1.26:167871**
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N85-10997/3 **04**-*510,534* PC **A05**/MF **A01**

**NAS 1.26:167945**
Energy Efficient Engine Combustor Test Hardware Detailed Design Report.
N85-10950/2 **04**-*510,524* PC **A06**/MF **A01**

**NAS 1.26:167952**
Turbofan Noise Generation. Volume 2: Computer Programs.
N85-11791/9 **04**-*510,537* PC **A10**/MF **A01**

**NAS 1.26:167955**
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N85-10995/7 **04**-*510,532* PC **A09**/MF **A01**

**NAS 1.26:167956**
Energy Efficient Engine: Low Pressure Turbine Test Hardware Detailed Design Report.
N85-10994/0 **04**-*510,531* PC **A09**/MF **A01**

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Materials for Advanced Turbine Engines. Project 2: Rene 150 Directionally Solidified Superalloy Turbine Blades, Volume 2.
N85-12059/0 **06**-*514,288* PC **A03**/MF **A01**

**NAS 1.26:167995**
Study of Controlled Diffusion Stator Blading.

N85-18058/6 **12**-*528,242* PC **A07**/MF **A01**

**NAS 1.26:168017**
Energy Efficient Engine (E3) Controls and Accessories Detail Design Report.
N85-29957/6 **22**-*551,834* PC **A08**/MF **A01**

**NAS 1.26:168036**
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N85-10996/5 **04**-*510,533* PC **A04**/MF **A01**

**NAS 1.26:168137**
Energy Efficient Engine Integrated Core/Low Spool Test Hardware Design Report.
N85-29956/8 **22**-*551,833* PC **A10**/MF **A01**

**NAS 1.26:168173**
Thermal Traction Contact Performance Evaluation under Fully Flooded and Starved Conditions.
N85-25848/1 **18**-*540,878* PC **A07**/MF **A01**

**NAS 1.26:168189**
Energy Efficient Engine High-Pressure Turbine Component Rig Performance Test Report.
N85-29955/0 **22**-*551,832* PC **A11**/MF **A01**

**NAS 1.26:168222**
Advanced Technology Cogeneration System Conceptual Design Study: Closed Cycle Gas Turbines.
N85-16300/4 **10**-*522,058* PC **A13**/MF **A01**

**NAS 1.26:168223**
Preparation and Evaluation of Advanced Catalysts for Phosphoric Acid Fuel Cells.
N85-19511/3 **13**-*529,392* PC **A07**/MF **A01**

**NAS 1.26:168228**
Creeo Fatigue Life Prediction for Engine Hot Section Materials (Isotropic).
N85-31057/1 **23**-*554,506* PC **A05**/MF **A01**

**NAS 1.26:168259**
Extended Performance Technology Study 30-cm Thruster.
N85-15806/1 **10**-*523,139* PC **A10**/MF **A01**

**NAS 1.26:168285**
Advanced Automotive Diesel Assessment Program.
N85-13235/5 **07**-*515,693* PC **A16**/MF **A01**

**NAS 1.26:168287**
Advanced Smoke Meter Development Survey and Analysis.
N85-25792/1 **18**-*541,333* PC **A04**/MF **A01**

**NAS 1.26:168313**
Design of Low Loss Helix Circuits for Interference Fitted and Brazed Circuits.
N85-19328/2 **13**-*529,252* PC **A06**/MF **A01**

**NAS 1.26:168329**
Computer Program for the Calculation of Multicomponent Convective Diffusion Deposition Rates from Chemically Frozen Boundary Layer Theory.
N85-27164/1 **19**-*542,814* PC **A03**/MF **A01**

**NAS 1.26:168337**
Interactive Computer Code for Calculation of Gas-Phase Chemical Equilibrium (EQLBRM).
N85-10948/6 **04**-*510,417* PC **A02**/MF **A01**

**NAS 1.26:168451**
Advanced Composite Stabilizer for Boeing 737 Aircraft.
N85-10934/6 **04**-*507,921* PC **A03**/MF **A01**

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Uma Hipotese Sobre a Origem dos Lineamentos das Imagens LANDSAT e SLAR Now Terrenos Pre-Cambrianos do Baixo Vale do Rio de Contas (Sul da Bahia) (Hypothesis on the Origin of Lineaments in the LANDSAT and SLAR Images of Precambrian Soil in the Low Contas River Valley (Southern Bahia)).
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Sistematica de Interpretacao de Dados de Sensoriamento Remoto na Recepcao de Hidrocarbonetos, Volume 1 (Systematic Data Interpretation of Remote Sensing in the Reception of Hydrocarbons, Volume 1).
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**NAS 1.26:168566**
Utilizacao de Imagens Orbitais LANDSAT para Levantamento de Solos No Estado do Rio Grande do Norte (Utilization of LANDSAT Orbital Imagery in the Soil Survey Processes at Rio Grande do Norte State).
N85-11422/1 **04**-*508,913* PC **A03**/MF **A01**

**NAS 1.26:168567**
Sensoriamento Remoto como Tecnica de Prospeccao Mineral (Remote Sensing as a Mineral Prospecting Technique).
N85-11423/9 **04**-*509,006* PC **A02**/MF **A01**

**NAS 1.26:168568**
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N85-11424/7 **04**-*507,979* PC **A04**/MF **A01**

**NAS 1.26:168569**
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N85-11425/4 **04**-*507,996* PC **A03**/MF **A01**

**NAS 1.26:168570**
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N85-11426/2 **04**-*508,361* PC **A03**/MF **A01**

**NAS 1.26:168571**
Sistema para Gerenciamento do Atendimento de Pedidos a um Banco de Imagens (A System for the Management of Requests at an Image Data Bank).
N85-11427/0 **04**-*509,116* PC **A08**/MF **A01**

**NAS 1.26:168572**
Recursos Hidricos por Sensoriamento Remoto Orbital: Exemplos de Aplicacoes (Water Resources by Orbital Remote Sensing: Examples of Applications).
N85-11428/8 **04**-*508,945* PC **A03**/MF **A01**

**NAS 1.26:168573**
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N85-11429/6 **04**-*507,980* PC **A04**/MF **A01**

**NAS 1.26:168574**
Mapeamento da Alteracao do Uso do Solo na Regiao Carbonifera de Santa Catarina - Relatorio 2 (Mapping Land Use Changes in the Carboniferous Region of Santa Catarina, Report 2).
N85-11430/4 **04**-*508,893* PC **A03**/MF **A01**

**NAS 1.26:168575**
Desenvolvimento e Teste de um Sistema de Fiscali Zacao das Operacoes de Credito Agricola AO Nivel de Municipio E de Propriedades Agricolas Utilizando Tecnicas de Sensoriamento Remoto (Development and Testing of a Rural Credit Supervision System at the Level of Counties and Rural Properties Utilizing Remote Sensing Techniqes).
N85-11431/2 **04**-*508,894* PC **A06**/MF **A01**

**NAS 1.26:168576**
Active Microwave Measurements of Sea Ice under Fall Conditions: The Radarsat/Firex Fall Experiment.
N85-11432/0 **04**-*509,024* PC **A05**/MF **A01**

**NAS 1.26:169496**
Energy Efficient Engine Component Development and Integration Program.
N85-10989/0 **04**-*510,526* PC **A15**/MF **A01**

**NAS 1.26:169497**
Integrated Technology Wing Study (Oral Presentation).
N85-15718/8 **10**-*520,967* PC **A09**/MF **A01**

**NAS 1.26:170034**
Energy Efficient Engine Component Development and Integration Program.
N85-10990/8 **04**-*510,527* PC **A15**/MF **A01**

**NAS 1.26:170396**
Analytical Redundancy Management Mechanization and Flight Data Analysis for the F-8 Digital Fly-by-Wire Aircraft Flight Control Sensors.
N85-14844/3 **09**-*518,355* PC **A04**/MF **A01**

**NAS 1.26:170417**
Model Reduction for Control System Design.
N85-22398/0 **15**-*534,104* PC **A14**/MF **A01**

**NAS 1.26:170419**
Flying Qualities and Control System Characteristics for Superaugmented Aircraft.
N85-13800/6 **08**-*515,749* PC **A06**/MF **A01**

**NAS 1.26:170615**
Results of Data Base Management System Parameterized Performance Testing Related to GSFC Scientific Applications.
N85-17741/8 **11**-*523,470* PC **A11**/MF **A01**

**NAS 1.26:170628**
Active Regions.
N85-11965/9 **04**-*508,033* PC **A02**/MF **A01**

**NAS 1.26:170759**
DDL System: Design Systhesis of Digital Systems.
N85-18584/1 **12**-*526,930* PC **A06**/MF **A01**

**NAS 1.26:170765**
Electron Lithography STAR Design Guidelines. Part 1: The Star User Design Manual.
N85-31840/0 **23**-*552,757* PC **A08**/MF **A01**

**NAS 1.26:170766**
Electron Lithography STAR Design Guidelines. Part 2: The Design of a STAR for Space Applications.
N85-31841/8 **23**-*552,758* PC **A11**/MF **A01**

**NAS 1.26:170767**
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N85-31842/6 **23**-*552,759* PC **A06**/MF **A01**

**NAS 1.26:171092**
Materials Properties, Loads, and Stress Analysis, Spartan REM: Appendix A.
N85-11375/1 **04**-*509,737* PC **A06**/MF **A01**

**NAS 1.26:171093**
Computer Models and Output, Spartan REM: Appendix B.
N85-11376/9 **04**-*509,738* PC **A99**/MF **A01**

**NAS 1.26:171144**
Influence of Containerless Undercooling and Rapid Solid-State Quenching on the Superconductive and Magnetic Properties of Some Clustering Alloy Systems.
N84-33566/0 **01**-*501,552* PC **A02**/MF **A01**

**NAS 1.26:171147**
Research Study for Effects of Case Flexibility on Bearing Loads and Rotor Stability.
N84-33811/0 **01**-*501,851* PC **A12**/MF **A01**

**NAS 1.26:171148**
Analysis and Selection of a Remote Docking Simulation Visual Display System.
N84-33432/5 **01**-*500,510* PC **A03**/MF **A01**

**NAS 1.26:171152**
Pinhole/Coronograph Pointing Control System Integration and Noise Reduction Analysis.
N84-33773/2 **01**-*501,975* PC **A15**/MF **A01**

**NAS 1.26:171153**
Development of Robotics Facility Docking Test Hardware.
N84-33433/3 **01**-*502,762* PC **A06**/MF **A01**

**NAS 1.26:171156**
Advanced X-Ray Astrophysics Facility (AXAF).
N84-33434/1 **01**-*500,131* PC **A02**/MF **A01**

**NAS 1.26:171157**
Plasma and Magnetospheric Research.
N84-34275/7 **01**-*500,194* PC **A02**/MF **A01**

**NAS 1.26:171158**
Ground Test Article for Deployable Space Structure Systems.
N84-34457/1 **02**-*505,236* PC **A02**/MF **A01**

**NAS 1.26:171162**
Review of LOX Bearing and Seal Materials Tester (BSMT) Radial Load System.
N84-33810/2 **01**-*501,978* PC **A05**/MF **A01**

**NAS 1.26:171163**
Surface Analysis of Space Telescope Material Specimens.
N84-34351/6 **01**-*500,121* PC **A04**/MF **A01**

**NAS 1.26:171170**
Rotordynamic Analysis of the Ssme Turbopumps Using Reduced Models.
N85-10355/4 **03**-*507,868* PC **A04**/MF **A01**

**NAS 1.26:171176**
Research Study: Studies in Atmospheric Processes from Space Platforms.
N85-10473/5 **03**-*505,415* PC **A02**/MF **A01**

**NAS 1.26:171177**
Retardation Analytical Model to Extend Service Life.
N85-10376/0 **03**-*507,869* PC **A02**/MF **A01**

**NAS 1.26:171178**
Processing and Display of Atmospheric Phenomena Data.
N85-10475/0 **03**-*505,416* PC **A02**/MF **A01**

**NAS 1.26:171179**
PDSS/IMC Cis User's Guide.
N85-10682/1 **03**-*507,864* PC **A06**/MF **A01**

**NAS 1.26:171181**
Exploratory Investigation of the Need for and Feasibility of a Lower Atmosphere Research Satellite (LARS) Program.
N85-10091/5 **03**-*507,863* PC **A03**/MF **A01**

**NAS 1.26:171182**
Modular Design Attitude Control System.
N85-10098/0 **03**-*507,866* PC **A05**/MF **A01**

**NAS 1.26:171183**
Study of Proton and Neutron Activation of Metal Samples in Low Earth Orbit.
N85-10164/0 **03**-*507,604* PC **A02**/MF **A01**

**NAS 1.26:171195**
Proceedings of a Workshop on Applications of Tethers in Space, Executive Summary.
N85-12075/6 **06**-*514,300* PC **A04**/MF **A01**

**NAS 1.26:171196**
Proceedings of a Workshop on the Applications of Tethers in Space, Volume 1.
N85-12076/4 **06**-*514,301* PC **A13**/MF **A01**

**NAS 1.26:171197**
Proceedings of a Workshop on Applications of Tethers in Space, Volume 2.
N85-12077/2 **06**-*514,302* PC **A14**/MF **A01**

**NAS 1.26:171199**
Methane Heat Transfer Investigation.
N85-12318/0 **06**-*514,298* PC **A02**/MF **A01**

**NAS 1.26:171201**
Large-Diameter Astromast Development.
N85-12200/0 **06**-*514,308* PC **A03**/MF **A01**

**NAS 1.26:171204**
Non-Intrusive Speed Sensor.
N85-12331/3 **06**-*514,311* PC **A04**/MF **A01**

**NAS 1.26:171208**
Definition of Ground Test for Verification of Large Space Structure Control.
N85-13838/6 **08**-*518,310* PC **A08**/MF **A01**

**NAS 1.26:171209**
Definition of Technology Development Missions for Early Space Stations: Large Space Structures.
N85-12084/8 **06**-*514,306* PC **A06**/MF **A01**

**NAS 1.26:171213**
Power Subsystem Automation Study.
N85-12299/2 **06**-*514,309* PC **A10**/MF **A01**

**NAS 1.26:171221**
STS Natural Environment Analysis.
N85-12079/8 **06**-*514,303* PC **A05**/MF **A01**

**NAS 1.26:171222**
Selected Tether Applications in Space: An Analysis of Five Selected Concepts.
N85-12921/1 **07**-*515,706* PC **A10**/MF **A01**

**NAS 1.26:171223**
Human Role in Space. Volume 1. Executive Summary.
N85-13473/2 **07**-*515,709* PC **A03**/MF **A01**

**NAS 1.26:171224**
Human Role in Space. Volume 2. Research Analysis and Technology Report.
N85-13474/0 **07**-*515,710* PC **A14**/MF **A01**

**NAS 1.26:171225**
Human Role in Space. Volume 3: Generalizations on Human Roles in Space.
N85-13475/7 **07**-*515,711* PC **A04**/MF **A01**

**NAS 1.26:171228**
Definition of Technology Development Missions for Early Space Station Satellite Servicing. Volume 1. Executive Summary.
N85-12922/9 **07**-*515,707* PC **A05**/MF **A01**

**NAS 1.26:171229**
Definition of Technology Development Missions for Early Space Station Satellite Servicing. Volume 2. Technical.
N85-12923/7 **07**-*515,708* PC **A08**/MF **A01**

**NAS 1.26:171230**
Space Power Distribution System Technology. Volume 3. Test Facility Design.
N85-12936/9 **07**-*515,719* PC **A05**/MF **A01**

**NAS 1.26:171233**
Design, Fabrication and Delivery of a Spacelab Neutral Buoyancy Instrument Pointing System (IPS) Mockup.
N85-12934/4 **07**-*514,532* PC **A04**/MF **A01**

**NAS 1.26:171247**
Analysis of Physical-Chemical Processes Governing SSME Internal Fluid Flows.
N85-12859/3 **07**-*515,696* PC **A02**/MF **A01**

**NAS 1.26:171255**
Turbine Blade Damping Study.
N85-12890/8 **07**-*515,683* PC **A09**/MF **A01**

**NAS 1.26:171256**
Autonomous Momentum Management for Space Station. Exhibit A.
N85-12933/6 **07**-*515,718* PC **A04**/MF **A01**

**NAS 1.26:171266**
Development of Acceptance Criteria for Batches of Silane Primer for External Tank Thermal Protection System Bonding Applications.
N85-13043/3 **07**-*514,681* PC **A05**/MF **A01**

**NAS 1.26:171271**
SPAR X Technical Report for Experiment 76-22 Directional Solidification of Magnetic Composites.
N85-15880/6 **10**-*522,929* PC **A04**/MF **A01**

**NAS 1.26:171272**
Commerce Lab: Mission Analysis and Payload Integration Study.
N85-16981/1 **11**-*525,822* PC **A05**/MF **A01**

**NAS 1.26:171278**
Investigation of Tethered Satellite System Dynamics.
N85-15772/5 **10**-*523,206* PC **A05**/MF **A01**

**NAS 1.26:171281**
Investigation of the HPFTP First Stage Impeller Crack.
N85-16208/9 **10**-*522,423* PC **A02**/MF **A01**

**NAS 1.26:171282**
Bearing Tester Fit Analysis.
N85-16181/8 **10**-*522,491* PC **A04**/MF **A01**

**NAS 1.26:171283**
Atmospheric Modeling and Sensor Simulation (AMASS) Study.
N85-16325/1 **10**-*521,026* PC **A03**/MF **A01**

**NAS 1.26:171284**
Float Zone Experiments in Space.
N85-15766/7 **10**-*522,928* PC **A04**/MF **A01**

**NAS 1.26:171285**
Commerce Lab: Mission Analysis. Payload Integration Study.
N85-16982/9 **11**-*525,823* PC **A02**/MF **A01**

**NAS 1.26:171287**
Assessment of the Operating Characteristics of the SSME LOX Turbopump Pump-End Bearing.
N85-17362/3 **11**-*525,839* PC **A03**/MF **A01**

**NAS 1.26:171289**
Growth of Metastable Peritectic Compounds.
N85-15824/4 **10**-*522,129* PC **A04**/MF **A01**

**NAS 1.26:171290**
Growth of Metastable Peritectic Compounds.
N85-15825/1 **10**-*522,130* PC **A04**/MF **A01**

**NAS 1.26:171293**
Plasma and Magnetospheric Research.
N85-17451/4 **11**-*523,367* PC **A02**/MF **A01**

**NAS 1.26:171298**
Commerce Laboratory: Mission Analysis Payload Integration Study.
N85-15764/2 **10**-*523,204* PC **A02**/MF **A01**

**NAS 1.26:171300**
Preliminary Study of a Cryogenic Equivalence Principle Experiment on Shuttle.
N85-18994/2 **13**-*530,520* PC **A03**/MF **A01**

**NAS 1.26:171301**
Ground Test Article for Deployable Space Structure Systems.
N85-19011/4 **13**-*530,721* PC **A02**/MF **A01**

**NAS 1.26:171302**
Shock Wave Capability for the Improved Two-Dimensional Kinetics (TDK) Computer Program.
N85-19360/5 **13**-*530,693* PC **A06**/MF **A01**

**NAS 1.26:171317**
Research Reports: 1984 NASA/ASEE Summer Faculty Fellowship Program.
N85-22210/7 **14**-*532,890* PC **A99**/MF **E03**

**NAS 1.26:171331**
Data Requirement (Dr) Ma-03: Payload Missions Integration.
N85-19009/8 **13**-*530,707* PC **A03**/MF **A01**

**NAS 1.26:171333**
Natural Environment Analysis.
N85-19010/6 **13**-*530,736* PC **A04**/MF **A01**

**NAS 1.26:171337**
Cyclone Diagnostics.
N85-19567/5 **13**-*528,448* PC **A02**/MF **A01**

**NAS 1.26:171338**
Computer Studies of Baroclinic Flow.
N85-19566/7 **13**-*528,447* PC **A02**/MF **A01**

**NAS 1.26:171343**
Preliminary Analysis of Selected Gas Dynamic Problems.
N85-19361/3 **13**-*530,727* PC **A02**/MF **A01**

**NAS 1.26:171344**
Calculation of Flow About Posts and Powerhead Model.
N85-19362/1 **13**-*530,728* PC **A02**/MF **A01**

**NAS 1.26:171345**
Evaluation of Miniature Vacuum Ultraviolet Lamps for Stability and Operating Characteristics, Lyman-alpha Task.
N85-19323/3 **13**-*529,612* PC **A02**/MF **A01**

**NAS 1.26:171346**
Thrust Chamber Performance Using Navier-Stokes Solution.
N85-19019/7 **13**-*530,726* PC **A05**/MF **A01**

**NAS 1.26:171349**
SSME Thrust Chamber Simulation Using Navier-Stokes Equations.
N85-19017/1 **13**-*530,725* PC **A06**/MF **A01**

**NAS 1.26:171353**
Evaluation and Prediction of Long-Term Environmental Effects of Nonmetallic Materials.
N85-19137/7 **13**-*529,463* PC **A03**/MF **A01**

**NAS 1.26:171355**
Analysis of the NASA/MSFC Airborne Doppler Lidar Results from San Gorgonio Pass, California.
N85-21873/3 **14**-*530,940* PC **A04**/MF **A01**

**NAS 1.26:171382**
Development of the Sonic Pump Levitator.
N85-21186/0 **14**-*532,867* PC **A06**/MF **A01**

**NAS 1.26:171392**
Infrared Telescope.
N85-26465/3 **18**-*539,746* PC **A08**/MF **A01**

**NAS 1.26:171406**
Superconducting Gyroscope Research.
N85-25795/4 **18**-*541,431* PC **A10**/MF **A01**

**NAS 1.26:171410**
Space Radiation Studies.
N85-26584/1 **18**-*541,498* PC **A02**/MF **A01**

**NAS 1.26:171411**
Space Radiation Studies for the Reporting Period, June 1983 - July 1984.
N85-26583/3 **18**-*541,497* PC **A02**/MF **A01**

**NAS 1.26:171415**
Space Station Systems Technology Study (Add-on Task). Volume 1: Executive Summary.
N85-22459/0 **15**-*535,290* PC **A06**/MF **A01**

**NAS 1.26:171416**
Space Station Systems Technology Study (Add-on Task). Volume 2: Trade Study and Technology Selection.
N85-25279/9 **18**-*542,035* PC **A09**/MF **A01**

**NAS 1.26:171417**
Space Station Systems Technology Study (Add-on Task). Volume 3: Technology Advancement Program Plan.
N85-25280/7 **18**-*542,036* PC **A04**/MF **A01**

**NAS 1.26:171418**
Space Shuttle Interactive Meteorological Data System Study.
N85-21876/6 **14**-*532,889* PC **A03**/MF **A01**

**NAS 1.26:171419**
Firefighters' Communication Transceiver Test Plan.
N85-22854/2 **15**-*534,493* PC **A04**/MF **A01**

**NAS 1.26:171421**
Selected Tether Applications in Space: Phase 2. Executive Summary.
N85-22462/4 **15**-*535,283* PC **A02**/MF **A01**

**NAS 1.26:171422**
Selected Tether Applications in Space: Phase 2.
N85-22463/2 **15**-*535,284* PC **A07**/MF **A01**

**NAS 1.26:171424**
HPFTP Flow Diverter Analysis.
N85-23057/1 **15**-*535,300* PC **A02**/MF **A01**

**NAS 1.26:171425**
Nonlinear Rotordynamics Analysis.
N85-22364/2 **15**-*535,289* PC **A03**/MF **A01**

**NAS 1.26:171426**
New Atmospheric Sensor Analysis Study.
N85-23069/6 **15**-*533,003* PC **A02**/MF **A01**

**NAS 1.26:171428**
Development of Acceptance Criteria for Batches of Silane Primer for External Tank Thermal Protection System Bonding Applications.
N85-23998/6 **17**-*537,697* PC **A03**/MF **A01**

**NAS 1.26:171429**
Digital Processing of Mesoscale Analysis and Space Sensor Data.
N85-23319/5 **15**-*533,008* PC **A02**/MF **A01**

**NAS 1.26:171433**
Investigation of Tethered Satellite System Dynamics.
N85-25375/5 **18**-*542,043* PC **A06**/MF **A01**

**NAS 1.26:171436**
Development of Acceptance Criteria for Batches of Silane Primer for External Tank Thermal Protection System Bonding Applications.
N85-25523/0 **18**-*540,353* PC **A02**/MF **A01**

**NAS 1.26:171438**
Definition of Ground Test for Verification of Large Space Structure Control.
N85-25377/1 **18**-*542,044* PC **A02**/MF **A01**

**NAS 1.26:171446**
Definition of Technology Development Missions for Early Space Stations: Large Space Structures.
N85-25281/5 **18**-*542,037* PC **A11**/MF **A01**

**NAS 1.26:171447**
Plasma and Magnetospheric Research.
N85-25976/0 **18**-*539,773* PC **A02**/MF **A01**

**NAS 1.26:171463**
System Enhancements of Mesoscale Analysis and Space Sensor (MASS) Computer System.
N85-30708/0 **22**-*550,250* PC **A03**/MF **A01**

**NAS 1.26:171467**
Industry Review: Locomotive Dynamic Characterization Test-Analysis.
N85-30981/3 **22**-*550,728* PC **A07**/MF **A01**

**NAS 1.26:171470**
Analysis of Heat-Transfer Measurements from 2 AEDC Wind Tunnels on the Shuttle External Tank.
N85-28263/0 **20**-*547,186* PC **A05**/MF **A01**

**NAS 1.26:171473**
Shuttle-Tethered Satellite System Definition Study Extension.
N85-27923/0 **20**-*547,171* PC **A13**/MF **A01**

**NAS 1.26:171474**
Shuttle-Tethered Satellite System Definition Study. Volume 1: Executive Study.
N85-27924/8 **20**-*547,172* PC **A04**/MF **A01**

**NAS 1.26:171475**
Preparation of Polystryene Latex Particles in a Rotating Reactor.
N85-28108/7 **20**-*545,550* PC **A02**/MF **A01**

**NAS 1.26:171500**
Commercialization of the Power Factor Controller.
N85-28221/8 **20**-*545,233* PC **A16**/MF **A01**

**NAS 1.26:171506**
System Analysis for the Huntsville Operation Support Center, Distributed Computer System.
N85-28642/5 **20**-*545,216* PC **A10**/MF **A01**

**NAS 1.26:171512**
Space Station Automation Study-Satellite Servicing. Volume 1. Executive Summary.
N85-29999/8 **22**-*551,863* PC **A03**/MF **A01**

**NAS 1.26:171513**
Space Station Automation Study-Satellite Servicing. Volume 2.
N85-30000/2 **22**-*551,864* PC **A07**/MF **A01**

**NAS 1.26:171514**
Space Station Automation Study. Volume 1. Executive Summary. Autonomous Systems and Assembly.
N85-30002/8 **22**-*551,866* PC **A04**/MF **A01**

**NAS 1.26:171515**
Space Station Automation Study. Volume 2. Technical Report. Autonomous Systems and Assembly.
N85-30001/0 **22**-*551,865* PC **A12**/MF **A01**

**NAS 1.26:171530**
B-52B/Dtv (Drop Test Vehicle) Flight Test Results: Drop Test Missions.
N85-29934/5 **22**-*549,309* PC **A02**/MF **A01**

**NAS 1.26:171531**
Microgravity Silicon Zoning Investigation.
N85-31073/8 **23**-*554,166* PC **A05**/MF **A01**

**NAS 1.26:171534**
Turbine Blade-Tip Clearance Excitation Forces.
N85-29963/4 **22**-*551,838* PC **A05**/MF **A01**

**NAS 1.26:171535**
Comparison of Wind and Turbulence Measurements from Doppler Lidar and Instrumented Aircraft.
N85-31729/5 **23**-*552,039* PC **A04**/MF **A01**

**NAS 1.26:171537**
Wave/Particle Interactions in the Plasma Sheet.
N85-32072/9 **23**-*552,024* PC **A02**/MF **A01**

**NAS 1.26:171538**
Multi-KW Solar Arrays for Earth Orbit Applications.
N85-31139/7 **23**-*553,075* PC **A04**/MF **A01**

**NAS 1.26:171541**
Concept Development Evaluation for John Deere/Ua Sts Micdeck Experiment Location.
N85-31071/2 **23**-*553,162* PC **A04**/MF **A01**

**NAS 1.26:171549**
Spar Improved Structural-Fluid Dynamic Analysis Capability.
N85-31449/0 **23**-*554,198* PC **A05**/MF **A01**

**NAS 1.26:171581**
Diagnostics of Severe Convection and Subsynoptic Scale Ageostrophic Circulations.
N85-32571/0 **24**-*554,696* PC **A02**/MF **A01**

**NAS 1.26:171587**
Analysis of Spacecraft Data.
N85-32789/8 **24**-*557,213* PC **A02**/MF **A01**

**NAS 1.26:171588**
Retarding Ion Mass Spectrometer for the Dynamics Explorer-1.
N85-32303/8 **24**-*556,148* PC **A07**/MF **A01**

**NAS 1.26:171589**
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N85-32178/4 **24**-*555,785* PC **A05**/MF **A01**

**NAS 1.26:171595**
Ssme Seal Test Program: Test Results for Hole-Pattern Damper Seals.
N85-31059/7 **23**-*554,507* PC **A06**/MF **A01**

**NAS 1.26:171596**
Study of Proton and Neutron Activation of Metal Samples in Low Earth Orbit.
N85-32130/5 **24**-*556,463* PC **A08**/MF **A01**

**NAS 1.26:171597**
Analysis of Spacecraft Data.
N85-32790/6 **24**-*555,538* PC **A02**/MF **A01**

**NAS 1.26:171812**
Space Shuttle Environmental Effects: The First 5 Flights.
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**NAS 1.26:171813**
Biophysical and Spectral Modeling for Crop Identification and Assessment.
N85-11419/7 **04**-*507,978* PC **A03**/MF **A01**

**NAS 1.26:171814**
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**NAS 1.26:171815**
Development of a Preprototype Times Wastewater Recovery Subsystem.
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**NAS 1.26:171816**
Addendum: Development of a Preprototype Times Wastewater Recovery Subsystem.
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Development of a Preprototype Times Wastewater Recovery Subsystem: Appendices.
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Changes in Spectral Properties of Detached Leaves.
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**NAS 1.26:171822**
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N85-17547/9 **11**-*525,841* PC **A05**/MF **A01**

**NAS 1.26:171830**
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N85-17548/7 **11**-*525,842* PC **A07**/MF **A01**

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Lunar Nuclear Power Feasibility Study.
N85-16611/4 **10**-*522,648* PC **A03**/MF **A01**

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Impact of Lunar and Planetary Missions on the Space Station.
N85-16988/6 **11**-*525,824* PC **A07**/MF **A01**

**NAS 1.26:171833**
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N85-17549/5 **11**-*525,843* PC **A02**/MF **A01**

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N85-19327/4 **13**-*529,251* PC **A06**/MF **A01**

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N85-25369/8 **18**-*542,055* PC **A14**/MF **A01**

**NAS 1.26:171862**
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N85-27322 **19**-*542,157* PC **A04**/MF **A01**

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Nondestructive Equipment Study.
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Automatic Rendezvous and Docking Systems Functional and Performance Requirements.
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Portable Battery for Objective, Non-Obstrusive Measures of Human Performances.
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**NAS 1.26:171871**
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Simulation of a G-Tolerance Curve Using the Pulsatile Cardiovascular Model.
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N85-26121/2 **18**-*540,229* PC **A02**/MF **A01**

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Ignition Characterization of LOX/Hydrocarbon Propellants.
N85-29071/6 **21**-*549,182* PC **A03**/MF **A01**

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N85-29070/8 **21**-*549,181* PC **A07**/MF **A01**

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N85-29993/1 **22**-*551,857* PC **A03**/MF **A01**

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**NAS 1.26:172208**
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Effects of Aircraft and Flight Parameters on Energy-Efficient Profile Descents in Time-Based Metered Traffic.
N85-15706/3 **10**-*520,954* PC **A02**/MF **A01**

**NAS 1.26:172345**
Iterative Method for Indefinite Systems of Linear Equations.
N85-30728/8 **22**-*550,530* PC **A02**/MF **A01**

**NAS 1.26:172347**
System Status Display Information.
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Microstructures and Properties of Rapidly Solidified Alloys.
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**NAS 1.26:172387-PHASE-1**
Study of Environmental Characterization of Conventional and Advanced Aluminum Alloys for Selection and Design. Phase 1: Literature Review.
N85-11218/3 **04**-*509,425* PC **A06**/MF **A01**

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**NAS 1.26:172401**
Evaluation of Automated Decisionmaking Methodologies and Development of an Integrated Robotic System Simulation.
N85-13516/8 **07**-*514,828* PC **A08**/MF **A01**

**NAS 1.26:172407**
Formal Verification of Mathematical Software.
N85-16489/5 **10**-*521,966* PC **A08**/MF **A01**

**NAS 1.26:172408**
Development of Powder Metallurgy 2XXX Series al Alloys for High Temperature Aircraft Structural Applications.
N85-11220/9 **04**-*509,427* PC **A04**/MF **A01**

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Design of a Digital Ride Quality Augmentation System for Commuter Aircraft.
N85-10037/8 **03**-*505,301* PC **A16**/MF **A01**

**NAS 1.26:172420**
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**NAS 1.26:172426**
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N84-33396/2 **01**-*500,052* PC **A06**/MF **A01**

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N85-25247/6 **18**-*539,673* PC **A06**/MF **A01**

**NAS 1.26:172442**
Theoretical Study of Resin Flows for Thermosetting Materials During Prepreg Processing.
N84-33596/7 **01**-*501,575* PC **A03**/MF **A01**

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Chemoviscosity Modeling for Thermosetting Resins - I.
N85-12096/2 **06**-*513,627* PC **A03**/MF **A01**

**NAS 1.26:172444**
Analysis of Estimation Algorithms for CDTI and CAS Applications.
N85-22387/3 **15**-*532,927* PC **A10**/MF **A01**

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N85-10927/0 **04**-*509,950* PC **A08**/MF **A01**

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N85-14666/0 **08**-*517,283* PC **A14**/MF **A01**

**NAS 1.26:172446-V-2**
Comparison of Options for Reduction of Noise in the Test Section of the NASA Langley 4X7M Wind Tunnel, Including Reduction of Nozzle Area.
N85-14667/8 **08**-*517,284* PC **A04**/MF **A01**

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Legendre-tau Approximation for Functional Differential Equations. Part 3: Eigenvalue Approximations and Uniform Stability.
N85-10744/9 **03**-*506,553* PC **A03**/MF **A01**

**NAS 1.26:172448**
Classical Free-Streamline Flow over a Polygonal Obstacle.
N85-10301/8 **03**-*507,306* PC **A02**/MF **A01**

**NAS 1.26:172449**
Systematic Plan for the Continued Study of Dimensional Stability of Metallic Alloys Considered for the Fabrication of Cryogenic Wind Tunnel Models.
N85-32172/7 **24**-*555,783* PC **A02**/MF **A01**

**NAS 1.26:172450**
Machining-Induced Deformation in Stepped Specimens of Ph 13-8 Mo, 18 Nickel Maraging Steel Grade 200T1 and Grain-Refined HP 9-4-20.
N85-32177/6 **24**-*555,784* PC **A03**/MF **A01**

**NAS 1.26:172452**
Review of Some Vortex Relations.
N85-10302/6 **03**-*507,307* PC **A02**/MF **A01**

**NAS 1.26:172454**
Numerical Solution of the Helmholtz Equation for Wave Propagation Problems in Underwater Acoustics.
N85-11634/1 **04**-*510,163* PC **A03**/MF **A01**

**NAS 1.26:172455**
Extended Aeroelastic Analysis for Helicopter Rotors with Prescribed Hub Motion and Blade Appended Penduluum Vibration Absorbers.
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**NAS 1.26:172456**
Supersonic Nonlinear Potential Analysis.
N85-15685/9 **10**-*520,937* PC **A05**/MF **A01**

**NAS 1.26:172457**
Parallel, Iterative Solution of Sparse Linear Systems: Models and Architectures.
N85-11586/3 **04**-*509,513* PC **A03**/MF **A01**

**NAS 1.26:172459**
Development of a Heterogeneous Laminating Resin System.
N85-18089/1 **12**-*527,084* PC **A03**/MF **A01**

**NAS 1.26:172460**
ADS: A Fortran Program for Automated Design Synthesis, Version 1.00.
N85-10684/7 **03**-*506,123* PC **A03**/MF **A01**

**NAS 1.26:172463**
Exploratory Study of Apex Fence Flaps on a 74 Deg Delta Wing.
N85-25208/8 **18**-*539,652* PC **A03**/MF **A01**

**NAS 1.26:172465**
Development of Failure Criterion for Kevlar-Epoxy Fabric Laminates.
N85-11138/3 **04**-*509,370* PC **A04**/MF **A01**

**NAS 1.26:172466**
Parallel Triangularization of Substructured Finite Element Problems.
N85-11569/9 **04**-*509,512* PC **A02**/MF **A01**

**NAS 1.26:172467**
Chandrasekhar Equations and Computational Algorithms for Distributed Parameter Systems.
N85-12564/9 **06**-*513,662* PC **A02**/MF **A01**

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Approximation Methods for Inverse Problems Involving the Vibration of Beams with Tip Bodies.
N85-11379/3 **04**-*510,364* PC **A02**/MF **A01**

**NAS 1.26:172469**
Boundary Conditions in Chebyshev and Legendre Methods.
N85-11635/8 **04**-*509,518* PC **A03**/MF **A01**

**NAS 1.26:172470**
Operational Fitness of Box Truss Antennas in Response to Dynamic Slewing.
N85-19012/2 **13**-*529,247* PC **A05**/MF **A01**

**NAS 1.26:172471**
Stereo Electro-Optical Tracking System (SETS).
N85-16098/4 **10**-*522,486* PC **A03**/MF **A01**

**NAS 1.26:172473**
SMP: A Solid Modeling Program.
N85-11570/7 **04**-*510,553* PC **A07**/MF **A01**

**NAS 1.26:172474**
Deformations and Strains in Adhesive Joints by Moire Interferometry.
N85-11238/1 **04**-*509,736* PC **A03**/MF **A01**

**NAS 1.26:172475**
Pseudospectral Legendre Method for Hyperbolic Equations with an Improved Stability Condition.
N85-12617/5 **06**-*513,664* PC **A03**/MF **A01**

**NAS 1.26:172476**
Shuffle-Exchanges on Augmented Meshes.
N85-11587/1 **04**-*509,127* PC **A02**/MF **A01**

**NAS 1.26:172477**
Data Appendix: F Number = 1.0 EMR with a Flexible Back Electrode.
N85-15994/5 **10**-*522,005* PC **A04**/MF **A01**

**NAS 1.26:172478**
Generalized Formulation of TVD (Total Variation Diminution) Lax-Wendroff Schemes.
N85-13528/3 **07**-*515,040* PC **A02**/MF **A01**

**NAS 1.26:172479**
Advanced Infrared Laser Modulator Development.
N85-15479/7 **09**-*520,237* PC **A04**/MF **A01**

**NAS 1.26:172481**
Impact of Magnetic Isolation on Pointing System Performance in the Presence of Structural Flexibility.
N85-26861/3 **19**-*543,785* PC **A04**/MF **A01**

**NAS 1.26:172482**
Response Measurements for Two Building Structures Excited by Noise from a Large Horizontal Axis Wind Turbine Generator.
N85-13552/3 **07**-*515,191* PC **A02**/MF **A01**

**NAS 1.26:172483**
Flight Service Evaluation of Advanced Composite Ailerons on the L-1011 Transport Aircraft.
N85-17049/6 **11**-*523,245* PC **A02**/MF **A01**

**NAS 1.26:172484**
Geometric Approach to High Resolution Tvd Schemes.
N85-15449/0 **09**-*519,485* PC **A03**/MF **A01**

**NAS 1.26:172485**
Comparison of Uniform Perturbation Solutions and Numerical Solutions for Some Potential Flows past Slender Bodies.
N85-14799/9 **09**-*518,325* PC **A03**/MF **A01**

**NAS 1.26:172486**
Multiple Steady States for Characteristic Initial Value Problems.
N85-14800/5 **09**-*520,911* PC **A03**/MF **A01**

**NAS 1.26:172487**
Compact Finite Element Method for Elastic Bodies.
N85-15185/0 **09**-*520,684* PC **A03**/MF **A01**

**NAS 1.26:172489**
Automatic Control Design Procedures for Restructurable Aircraft Control.
N85-21173/8 **14**-*530,798* PC **A04**/MF **A01**

**NAS 1.26:172493**
Scanning Laser Velocimeter for Turbulence Research.
N85-15686/7 **10**-*522,944* PC **A03**/MF **A01**

**NAS 1.26:172496**
Numerical Approach for the Aerodynamic Analysis of Airfoils with Laminar Separation.
N85-18001/6 **12**-*525,858* PC **A03**/MF **A01**

**NAS 1.26:172497**
Develop and Demonstrate Manufacturing Processes for Fabricating Graphite Filament Reinforced Polymide (GR/PI) Composite Structural Elements.
N85-20019/4 **14**-*531,839* PC **A11**/MF **A01**

**NAS 1.26:172498**
Stresses in Pin-Loaded Orthotropic Plates Using Photoelasticity.
N85-16204/8 **10**-*522,103* PC **A03**/MF **A01**

**NAS 1.26:172500**
Solution of Partial Differential Equations on Vector and Parallel Computers.
N85-16525/6 **10**-*522,207* PC **A08**/MF **A01**

**NAS 1.26:172503**
Existence and Non-Uniqueness of Similarity Solutions of a Boundary Layer Problem.
N85-16064/6 **10**-*522,948* PC **A02**/MF **A01**

**NAS 1.26:172504**
Instability of a 3-Dimensional Attachment Line Boundary Layer: Weakly Nonlinear Theory and a Numerical Approach.
N85-16063/8 **10**-*522,947* PC **A04**/MF **A01**

**NAS 1.26:172505**
Research in Applied Mathematics, Numerical Analysis, and Computer Science.
N85-16480/4 **10**-*522,206* PC **A04**/MF **A01**

**NAS 1.26:172506**
Inviscid Analysis of Unsteady Blade Tip Flow Correlation Studies.
N85-18958/7 **13**-*528,287* PC **A04**/MF **A01**

**NAS 1.26:172508**
Optimal Symmetric Flight Studies.
N85-21176/1 **14**-*530,800* PC **A11**/MF **A01**

**NAS 1.26:172510**
Exploratory Development of Foams from Liquid Crystal Polymers.
N85-22754/4 **15**-*534,059* PC **A04**/MF **A01**

**NAS 1.26:172511**
Detection of Low Frequency Impulsive Noise from Large Wind Turbine Generators.
N85-16588/4 **10**-*522,037* PC **A02**/MF **A01**

**NAS 1.26:172512**
Interaction of a Sound Pulse with the Shear Layer of an Axisymmetric Jet. Part 3: Nonlinear Effects.
N85-18663/3 **12**-*527,895* PC **A02**/MF **A01**

**NAS 1.26:172513**
3-Dimensional Mass Conserving Element for Compressible Flows.
N85-18626/0 **12**-*527,926* PC **A03**/MF **A01**

**NAS 1.26:172515**
Chandrasekhar Equations for Infinita Dimensional Systems.
N85-18651/8 **12**-*527,202* PC **A03**/MF **A01**

**NAS 1.26:172516**
Where Are the Parallel Algorithms.
N85-18627/8 **12**-*526,933* PC **A02**/MF **A01**

**NAS 1.26:172517**
Improved Source Model for Aircraft Interior Noise Studies.
N85-17668/3 **11**-*523,246* PC **A03**/MF **A01**

**NAS 1.26:172518**
MACSYMA Usage at Langley.
N85-19688/9 **13**-*529,200* PC **A04**/MF **A01**

**NAS 1.26:172520**
Generation of Rolling Moments with the Superconducting Solenoid Model.
N85-18068/5 **12**-*526,879* PC **A02**/MF **A01**

**NAS 1.26:172523**
Response Time Correlations for Platinum Resistance Thermometers in Flowing Fluids.
N85-21606/7 **14**-*532,269* PC **A04**/MF **A01**

**NAS 1.26:172524**
Gimbal Sizing Analysis for an IPACS Rotating Assembly.
N85-26913/2 **19**-*544,426* PC **A04**/MF **A01**

**NAS 1.26:172526**
Alternative Approximation Concepts for Space Frame Synthesis.
N85-21150/6 **14**-*532,692* PC **A19**/MF **A01**

**NAS 1.26:172527**
Multistage Time-Stepping Scheme for the Navier-Stokes Equations.
N85-19365/4 **13**-*528,293* PC **A03**/MF **A01**

**NAS 1.26:172528**
Research on Optimal Control, Stabilization and Computational Algorithms for Aerospace Applications.
N85-29970/9 **22**-*550,534* PC **A04**/MF **A01**

**NAS 1.26:172529**
Aerodynamic-Structural Study of Canard Wing, Dual Wing, and Conventional Wing Systems for General Aviation Applications.
N85-16829/2 **11**-*523,222* PC **A05**/MF **A01**

**NAS 1.26:172530**
Preliminary Performance of a Vertical-Attitude Takeoff and Landing, Supersonic Cruise Aircraft Concept Having Thrust Vectoring Integrated into the Flight Control System.
N85-18977/7 **13**-*528,316* PC **A03**/MF **A01**

**NAS 1.26:172531**
Effects of Leading-Edge Devices on the Low-Speed Aerodynamic Characteristics of a Highly-Swept Arrow-Wing.
N85-22365/9 **15**-*532,906* PC **A04**/MF **A01**

**NAS 1.26:172532**
Crack Problems for Bonded Nonhomogeneous Materials under Antiplane Shear Loading.
N85-19438/9 **13**-*530,534* PC **A02**/MF **A01**

**NAS 1.26:172533**
Interaction Between a Crack and a Soft Inclusion.
N85-19439/7 **13**-*529,705* PC **A02**/MF **A01**

**NAS 1.26:172534**
Advanced Detectors and Signal Processing for Bubble Memories.
N85-24219/6 **17**-*537,946* PC **A04**/MF **A01**

**NAS 1.26:172535**
Recovering Pointwise Values of Discontinuous Data within Spectral Accuracy.
N85-22049/9 **14**-*531,938* PC **A02**/MF **A01**

**NAS 1.26:172536**
SUBOPT: A CAD Program for Suboptimal Linear Regulators.
N85-19702/8 **13**-*529,202* PC **A02**/MF **A01**

**NAS 1.26:172537**
Galerkin Method for the Estimation of Parameters in Hybrid Systems Governing the Vibration of Flexible Beams with Tip Bodies.
N85-19734/1 **13**-*529,792* PC **A03**/MF **A01**

**NAS 1.26:172538**
Eigenvalues of the Pseudospectral Fourier Approximation to the Operator Sin (2x) d/dx.
N85-20729/8 **14**-*531,932* PC **A02**/MF **A01**

**NAS 1.26:172539**
Spectral Methods in Time for Parabolic Problems.
N85-20730/6 **14**-*531,933* PC **A02**/MF **A01**

**NAS 1.26:172540**
Development of Algorithms for Using Satellite Meteorological Data Sets to Study Global Transport of Stratospheric Aerosols and Ozone.
N85-25974/5 **18**-*539,771* PC **A06**/MF **A01**

**NAS 1.26:172541**
Algorithm for Generating Abstract Syntax Trees.
N85-22003/6 **14**-*531,687* PC **A02**/MF **A01**

**NAS 1.26:172542**
Complex Symmetric Matrices with Strongly Stable Iterates.
N85-20731/4 **14**-*531,934* PC **A02**/MF **A01**

**NAS 1.26:172543**
Algorithms for the Euler and Navier-Stokes Equations for Supercomputers.
N85-19701/0 **13**-*530,328* PC **A03**/MF **A01**

**NAS 1.26:172544**
Pisces: An Environment for Parallel Scientific Computation.
N85-22004/4 **14**-*531,688* PC **A03**/MF **A01**

**NAS 1.26:172545**
Preliminary Report on Tests of Tensile Specimens with a Part-Through Surface Notch for a Filament Wound Graphite/Epoxy Material.
N85-19026/2 **13**-*529,462* PC **A03**/MF **A01**

**NAS 1.26:172547**
Evaluation of Failure Criterion for Graphite/Epoxy Fabric Laminates.
N85-19025/4 **13**-*529,461* PC A03/MF **A01**

**NAS 1.26:172549**
Probabilistic Computer Model of Optimal Runway Turnoffs.
N85-26760/7 **19**-*542,114* PC **A04**/MF **A01**

**NAS 1.26:172551**
Study for the Optimization of a Transport Aircraft Wing for Maximum Fuel Efficiency. Volume 1: Methodology, Criteria, Aeroelastic Model Definition and Results.
N85-22378/2 **15**-*532,919* PC **A16**/MF **A01**

**NAS 1.26:172552**
Accuracy of Least Squares Methods in the Presence of Corner Singularities.
N85-22050/7 **14**-*531,939* PC **A03**/MF **A01**

**NAS 1.26:172553**
Experiment in Software Reliability.
N85-24813/6 **17**-*537,951* PC **A04**/MF **A01**

**NAS 1.26:172554**
Feasibility of Self-Structured Current Accessed Bubble Devices in Spacecraft Recording Systems.
N85-22525/8 **15**-*533,831* PC **A13**/MF **A01**

**NAS 1.26:172555**
Investigation of Parabolic Computational Techniques for Internal High-Speed Viscous Flows.
N85-23056/3 **15**-*535,143* PC **A03**/MF **A01**

**NAS 1.26:172556**
Differentiating Matrices for Arbitrarily Spaced Grid Points.
N85-22051/5 **14**-*531,940* PC **A03**/MF **A01**

**NAS 1.26:172557**
Convergent Series Expansion for Hyperbolic Systems of Conservation Laws.
N85-21990/5 **14**-*531,937* PC **A05**/MF **A01**

**NAS 1.26:172559**
F-14A Aircraft High-Speed Flow Simulations.
N85-23702/2 **17**-*537,001* PC **A10**/MF **A01**

**NAS 1.26:172560**
Construction of a Menu-Based System.
N85-23321/1 **15**-*533,836* PC **A02**/MF **A01**

**NAS 1.26:172561**
Three-Dimensional Spectral Algorithm for Simulations of Transition and Turbulence.
N85-21575/4 **14**-*532,587* PC **A03**/MF **A01**

**NAS 1.26:172563**
Fracture Analysis of Notched Composites.
N85-20020/2 **14**-*531,840* PC **A03**/MF **A01**

**NAS 1.26:172564**
Sound Propagation Studies for a Large Horizontal Axis Wind Turbine.
N85-24904/3 **17**-*539,257* PC **A03**/MF **A01**

**NAS 1.26:172566**
Spline-Based Rayleigh-Ritz Methods for the Approximation of the Natural Modes of Vibration for Flexible Beams with Tip Bodies.
N85-23100/9 **15**-*535,092* PC **A03**/MF **A01**

**NAS 1.26:172567**
Earth Radiation Budget Experiment Software Development.
N85-22002/8 **14**-*530,948* PC **A05**/MF **A01**

**NAS 1.26:172568**
Development of an Impact- and Solvent-Resistant Thermoplastic Composite Matrix, Phase 3.
N85-31239/5 **23**-*553,140* PC **A05**/MF **A01**

**NAS 1.26:172569**
Cumulutive Reports and Publications through December 31, 1984.
N85-21991/3 **14**-*531,686* PC **A03**/MF **A01**

**NAS 1.26:172573**
Analysis of Spectral Operators in One-Dimensional Domains.
N85-26228/5 **18**-*540,917* PC **A03**/MF **A01**

**NAS 1.26:172574**
Discrete Models for the Numerical Analysis of Time-Dependent Multidimensional Gas Dynamics.
N85-24239/4 **17**-*539,302* PC **A03**/MF **A01**

**NAS 1.26:172575**
Numerical Simulation of Boundary Layer Excitation by Surface Heating/Cooling.

N85-25756/6 **18**-*541,681* PC **A02**/MF **A01**

**NAS 1.26:172576**
Forced MHD Turbulence in a Uniform External Magnetic Field.
N85-26368/9 **18**-*541,831* PC **A03**/MF **A01**

**NAS 1.26:172577**
Evaluation of Proposed Acoustic Treatments for the NASA Larc 4 X 7 Meter Wind Tunnel.
N85-26319/2 **18**-*541,338* PC **A03**/MF **A01**

**NAS 1.26:172578**
Spectral Methods for Modeling Supersonic Chemically Reacting Flow Fields.
N85-24240/2 **17**-*537,698* PC **A03**/MF **A01**

**NAS 1.26:172579-V-1**
Study of Spacecraft Technology and Design Concepts. Volume 1.
N85-26844/9 **19**-*544,452* PC **A10**/MF **A01**

**NAS 1.26:172579-V-2**
Study of Spacecraft Technology and Design Concepts. Volume 2. Appendices.
N85-26845/6 **19**-*544,453* PC **A07**/MF **A01**

**NAS 1.26:172580**
Preliminary Investigation of the Dynamic Force-Calibration of a Magnetic Suspension and Balance System.
N85-23808/7 **17**-*538,710* PC **A02**/MF **A01**

**NAS 1.26:172581**
Mathematical Formulation of the SCOLE Control Problem. Part 1.
N85-23903/6 **17**-*538,326* PC **A03**/MF **A01**

**NAS 1.26:172582**
Executive Control Systems in the Engineering Design Environment.
N85-24835/9 **17**-*537,955* PC **A06**/MF **A01**

**NAS 1.26:172583**
Mission Analysis of Solar Powered Aircraft.
N85-31072/0 **23**-*551,904* PC **A04**/MF **A01**

**NAS 1.26:172584**
Users Manual for Coordinate Generation Code CRDSRA.
N85-27824/0 **20**-*544,475* PC **A02**/MF **A01**

**NAS 1.26:172585**
User's Manual for Airfoil Flow Field Computer Code SRAIR.
N85-27825/7 **20**-*544,476* PC **A04**/MF **A01**

**NAS 1.26:172586**
Investigation of the Vortex TAB.
N85-25209/6 **18**-*539,653* PC **A05**/MF **A01**

**NAS 1.26:172589**
Evaluation of a Fault Tolerant System for an Integrated Avionics Sensor Configuration with Tsrv Flight Data.
N85-28941/1 **21**-*547,219* PC **A06**/MF **A01**

**NAS 1.26:172590**
Study to Determine Potential Flight Applications and Human Factors Design Guidelines for Voice Recognition and Synthesis Systems.
N85-31349/2 **23**-*553,768* PC **A07**/MF **A01**

**NAS 1.26:172591**
Intermediate Boundary Conditions for LOD, ADI and Approximate Factorization Methods.
N85-29626/7 **21**-*548,219* PC **A03**/MF **A01**

**NAS 1.26:172592**
Shock Capturing.
N85-29627/5 **21**-*548,220* PC **A02**/MF **A01**

**NAS 1.26:172595**
Solar Radiance Models for Determination of ERBE Scanner Filter Factor.
N85-28513/8 **20**-*544,586* PC **A03**/MF **A01**

**NAS 1.26:172596**
Validation of the ERBE Scanner Scene Identification Methodology: Analysis with Nimbus-7 ERB Data.
N85-27466/0 **19**-*542,267* PC **A04**/MF **A01**

**NAS 1.26:172597**
Measurement and Analysis of Critical Crack Tip Processes during Fatigue Crack Growth.
N85-32342/6 **24**-*556,992* PC **A06**/MF **A01**

**NAS 1.26:172598**
Delamination Micromechanics Analysis.
N85-31237/9 **23**-*553,138* PC **A08**/MF **A01**

**NAS 1.26:172601**
Data Analysis for Lidar and Quartz Crystal Microbalance Systems.
N85-32464/8 **24**-*554,678* PC **A09**/MF **A01**

**NAS 1.26:172603**
Tip Vortex Computer Code Sratip: User's Guide.
N85-32093/5 **24**-*554,552* PC **A04**/MF **A01**

**NAS 1.26:172605**
Experimental Investigation of Propfan Installations on an Upswept Supercritical Wing at Transonic Mach Numbers.
N85-31013/4 **23**-*551,880* PC **A10**/MF **A01**

**NAS 1.26:172608**
CARE 3 User Friendly Interface User's Guide.
N85-32791/4 **24**-*555,539* PC **A04**/MF **A01**

**NAS 1.26:172610**
Activities of the Institute for Computer Applications in Science and Engineering (ICASE).
N85-30641/3 **22**-*550,527* PC **A04**/MF **A01**

**NAS 1.26:172612**
Data on Noise Environments at Different Times of Day around Airports.
N85-30769/2 **22**-*550,563* PC **A04**/MF **A01**

**NAS 1.26:172613**
Spectral Multigrid Methods for the Time-Dependent Navier-Stokes Equations.
N85-30725/4 **22**-*551,303* PC **A03**/MF **A01**

**NAS 1.26:172614**
Convergence of Difference Approximations to Scalar Conservation Laws.
N85-30726/2 **22**-*550,528* PC **A04**/MF **A01**

**NAS 1.26:172615**
Blaze Language: A Parallel Language for Scientific Programming.
N85-30656/1 **22**-*550,244* PC **A04**/MF **A01**

**NAS 1.26:172619**
Well-Posedness of One-Way Wave Equations and Absorbing Boundary Conditions.
N85-30727/0 **22**-*550,529* PC **A02**/MF **A01**

**NAS 1.26:172620**
Materials and Techniques for Model Construction.
N85-31066/2 **23**-*553,665* PC **A02**/MF **A01**

**NAS 1.26:172846**
Energy Efficient Engine Component Development and Integration Program.
N85-29958/4 **22**-*551,835* PC **A08**/MF **A01**

**NAS 1.26:173084**
Energy Efficient Engine. Volume 1: Component Development and Integration Program.
N85-10992/4 **04**-*510,529* PC **A11**/MF **A01**

**NAS 1.26:173085**
Energy Efficient Engine. Volume 2. Appendix A: Component Development and Integration Program.
N85-10991/6 **04**-*510,528* PC **A09**/MF **A01**

**NAS 1.26:173902**
Photovoltaic Module Encapsulation Design and Materials Section, Volume 2.
N84-34013/2 **01**-*501,454* PC **A06**/MF **A01**

**NAS 1.26:173922**
NASA RECON: Course Development, Administration, and Evaluation.
N84-34318/5 **01**-*500,512* PC **A99**/MF **A01**

**NAS 1.26:173926**
Flat-Plate Solar Array Project Process Development Area, Process Research of Non-Cz Silicon Material.
N84-34012/4 **01**-*501,453* PC **A02**/MF **A01**

**NAS 1.26:173927**
Ages of Extragalactic Intermediate-Age Star Clusters.
N84-34360/7 **01**-*500,136* PC **A02**/MF **A01**

**NAS 1.26:173928**
Research in Particles and Fields.
N84-34392/0 **01**-*500,148* PC **A03**/MF **A01**

**NAS 1.26:173929**
Metal-Silicate Relationships in Differentiated Meteorites.
N84-34384/7 **01**-*500,144* PC **A02**/MF **A01**

**NAS 1.26:173930**
Particle Excitation, Airglow and H2 Vibrational Disequilibrium in the Atmosphere of Jupiter.
N84-34383/9 **01**-*500,143* PC **A02**/MF **A01**

**NAS 1.26:173931**
Pioneer 10 and Voyager Observations of the Interstellar Medium in Scattered Emission of the HE584 A and H Lya 1216 A Lines.
N84-34361/5 **01**-*500,137* PC **A02**/MF **A01**

**NAS 1.26:173932**
Research Pressure Instrumentation for NASA Space Shuttle Main Engine.
N84-33463/0 **01**-*502,750* PC **A04**/MF **A01**

**NAS 1.26:173934**
Process Research of Poycrystalline Silicon Material (PROPSM).
N84-34026/4 **01**-*501,463* PC **A03**/MF **A01**

**NAS 1.26:173935**
Process Research of Polycrystalline Silicon Material (PROPSM).
N84-34033/0 **01**-*501,468* PC **A02**/MF **A01**

**NAS 1.26:173936**
Low Cost Solar Array Project. Experimental Process System Development Unit for Producing Semiconductor-Grade Silicon Using the Silane-to-Silicon Process.
N84-34034/8 **01**-*501,469* PC **A05**/MF **A01**

**NAS 1.26:173937**
Nickel-Iron Battery System Safety.
N84-34035/5 **01**-*501,493* PC **A04**/MF **A01**

**NAS 1.26:173938**
Excimer Laser Annealing to Fabricate Low Cost Solar Cells.
N84-34027/2 **01**-*501,464* PC **A03**/MF **A01**

**NAS 1.26:173939**
Energy Conversion and Utilization Technologies Program (ECUT) Electrocatalysis Research.
N84-33534/8 **01**-*501,069* PC **A03**/MF **A01**

**NAS 1.26:173940**
Investigation of Test Methods, Material Properties and Processes for Solar Cell Encapsulants.
N84-34029/8 **01**-*501,465* PC **A02**/MF **A01**

**NAS 1.26:173941**
Design, Analysis and Test Verification of Advanced Encapsulation Systems.
N84-34028/0 **01**-*501,073* PC **A04**/MF **A01**

**NAS 1.26:173943**
Development of Metallization Process.
N84-34031/4 **01**-*501,467* PC **A02**/MF **A01**

**NAS 1.26:173944**
High Energy Transients.
N84-34347/4 **01**-*500,132* PC **A02**/MF **A01**

**NAS 1.26:173945**
Areas Irrigadas: Monitoramento Por Sensoriamento Remoto (Irrigated Lands: Monitoring by Remote Sensing).
N84-33854/0 **01**-*500,080* PC **A02**/MF **A01**

**NAS 1.26:173946**
Projeto Mapeamento DA Alteracao Do USO Do Solo DA Regiao Carbonifera de Santa Catarine - Relatorio Preliminar (Mapping Project on Land Use Changes in the Carboniferous Region of Santa Catarina).
N84-33853/2 **01**-*501,152* PC **A02**/MF **A01**

**NAS 1.26:173949**
Progress Research of Non-CZ Silicon Material.
N84-34021/5 **01**-*501,459* PC **A02**/MF **A01**

**NAS 1.26:173951**
Development of Metallization Process: FSA Project, Cell and Module Formation Research Area.
N84-34022/3 **01**-*501,460* PC **A02**/MF **A01**

**NAS 1.26:173952**
Surface Property Modification of Silicon.
N84-34023/1 **01**-*501,072* PC **A05**/MF **A01**

**NAS 1.26:173953**
Comprehensive Silicon Solar Cell Computer Modeling.
N84-34025/6 **01**-*501,462* PC **A04**/MF **A01**

**NAS 1.26:173954**
Process Research of Non-CZ Silicon Material.
N84-34017/3 **01**-*501,456* PC **A14**/MF **A01**

**NAS 1.26:173955**
Design, Analysis and Test Verification of Advanced Encapsulation Systems.
N84-34016/5 **01**-*501,455* PC **A06**/MF **A01**

**NAS 1.26:173956**
Development of Metallization Process.
N84-34014/0 **01**-*501,879* PC **A02**/MF **A01**

**NAS 1.26:173957**
Development of a Polysilicon Process Based on Chemical Vapor Deposition, Phase 1 and Phase 2.
N84-34015/7 **01**-*501,423* PC **A03**/MF **A01**

**NAS 1.26:173958**
Large-Area Sheet Task Advanced Dendritic Web Growth Development.
N84-34019/9 **01**-*500,936* PC **A04**/MF **A01**

**NAS 1.26:173959**
Development of Metallization Process. FSA Project, Cell and Module Formation Research Area.
N84-34030/6 **01**-*501,466* PC **A02**/MF **A01**

**NAS 1.26:173960**
Stress Studies in EFG.
N84-34018/1 **01**-*501,457* PC **A03**/MF **A01**

**NAS 1.26:173961**
Battery Charger and State of Charge Indicator.
N84-33725/2 **01**-*501,492* PC **A12**/MF **A01**

**NAS 1.26:173964**
Research in Millimeter Wave Techniques.
N84-34655/0 **02**-*503,857* PC **A02**/MF **A01**

**NAS 1.26:173966**
Viking Radio Science Data Analysis and Synthesis.
N84-34385/4 **01**-*500,157* PC **A02**/MF **A01**

**NAS 1.26:173967**
Refined Methods of Aeroelastic Analysis and Optimization.
N84-33835/9 **01**-*500,017* PC **A02**/MF **A01**

**NAS 1.26:173968**
Search for Emission Lines in the Gaseous Halo of Edge-on Galaxies.
N84-34349/0 **01**-*500,134* PC **A02**/MF **A01**

**NAS 1.26:173969**
Materials for High-Temperature Thermoelectric Conversion.
N84-34011/6 **01**-*501,452* PC **A04**/MF **A01**

**NAS 1.26:173970**
Timing Performance of Phased-Locked Loops in Optical Pulse Position Modulation Communication Systems.
N84-34253/4 **01**-*502,092* PC **A06**/MF **A01**

**NAS 1.26:173971**
Modeling Analysis Program for the JPL Table Mountain IO Sodium Cloud Data.
N84-34386/2 **01**-*500,145* PC **A02**/MF **A01**

**NAS 1.26:173974**
Study of Outgassing and Decomposition of Space Shuttle Heat Protection Tiles, Fillers and Adhesive.
N84-34465/4 **02**-*505,242* PC **A02**/MF **A01**

**NAS 1.26:173976**
Effect of Stress Concentrations in Composite Structures.
N85-11140/9 **04**-*507,925* PC **A02**/MF **A01**

**NAS 1.26:173978**
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N84-33946/4 **01**-*501,154* PC **A15**/MF **A01**

**NAS 1.26:173979**
Study of High Performance Alloy Electroforming.
N84-33565/2 **01**-*501,551* PC **A02**/MF **A01**

**NAS 1.26:173981**
Monolithic Microwave Integrated Circuit Devices for Active Array Antennas.
N84-34675/8 **02**-*503,858* PC **A03**/MF **A01**

**NAS 1.26:173982**
Participation in the Mars Data Analysis Program: Global and Regional Studies of Wind Indicators on the Surface of MARS.
N84-35261/6 **02**-*502,878* PC **A02**/MF **A01**

**NAS 1.26:173983**
Undetected Error Probability and Throughput Analysis of a Concatenated Coding Scheme.
N84-34977/8 **02**-*503,850* PC **A02**/MF **A01**

**NAS 1.26:173985**
Advanced Composite Vertical Stabilizer for DC-10 Transport Aircraft.
N84-34573/5 **02**-*502,794* PC **A05**/MF **A01**

**NAS 1.26:173987**
Control Methodologies for Large Space Structures.
N84-34467/0 **02**-*505,243* PC **A03**/MF **A01**

**NAS 1.26:173992**
Cloud and Ice in the Planetary Scale Circulation and in Climate.
N84-35244/2 **02**-*502,942* PC **A05**/MF **A01**

**NAS 1.26:173993**
Large Scale Solar Modulation of 500 Mev/N Galactic Cosmic Rays Seen from 1-30 au.
N84-35283/0 **02**-*502,884* PC **A02**/MF **A01**

**NAS 1.26:173994**
Combined Influence of Stretch, Mobility and Electrical Stimulation in the Prevention of Muscle Fiber Atrophy Caused Hypokinesia and Hypodynamia.
N84-34914/1 **02**-*503,460* PC **A04**/MF **A01**

**NAS 1.26:173997**
Study of Space Station Needs, Attributes and Architectural Options.
N84-34459/7 **02**-*505,238* PC **A07**/MF **A01**

**NAS 1.26:173998**
Research in the Design of High-Performance Reconfigurable Systems.
N84-34957/0 **02**-*503,826* PC **A03**/MF **A01**

**NAS 1.26:173999**
Space Station Needs, Attributes and Architectural Options. Contractor Orientation Briefings.
N84-34460/5 **02**-*505,239* PC **A99**/MF **A01**

**NAS 1.26:174000**
Comparison of Experimental and Theoretical Results for Leakage, Pressure Distribution, and Rotordynamic Coefficients for Annular Gas Seals.
N84-34765/7 **02**-*505,246* PC **A05**/MF **A01**

**NAS 1.26:174001**
Scattering Models in the Microwave Regime.
N85-13361/9 **07**-*515,591* PC **A04**/MF **A01**

**NAS 1.26:174005**
Ground-Based Observations of Equatorial Thermosphere Dynamics with a Fabry-Perot Interferometer.
N84-34897/8 **02**-*502,901* PC **A03**/MF **A01**

**NAS 1.26:174006**
Pioneer 10 and 11 (Jupiter and Saturn) Magnetometer Experiment.
N84-35241/8 **02**-*502,872* PC **A01**/MF **A01**

**NAS 1.26:174007**
Radiation Effects in Silicon and Gallium Arsenide Solar Cells Using Isotropic and Normally Incident Radiation.
N84-34793/9 **02**-*504,010* PC **A04**/MF **A01**

**NAS 1.26:174010**
Physics of the Inner Heliosphere 1-10 R sub 0 Plasma Diagnostics and Models.
N85-11964/2 **04**-*508,032* PC **A02**/MF **A01**

**NAS 1.26:174012**
Singular Asymptotic Expansions in Nonlinear Rotordynamics.
N85-10100/4 **03**-*507,867* PC **A02**/MF **A01**

**NAS 1.26:174015**
Impact Phenomena as Factors in the Evolution of the Earth.
N85-10474/3 **03**-*505,964* PC **A02**/MF **A01**

**NAS 1.26:174016**
Impact Cratering: The Process and Its Effects on Planetary Evolution.
N85-11488/2 **04**-*508,021* PC **A02**/MF **A01**

**NAS 1.26:174017**
SAGA: A Project to Automate the Management of Software Production Systems.
N85-10685/4 **03**-*506,124* PC **A02**/MF **A01**

**NAS 1.26:174018**
Aeronautics Technology Possibilities for 2000: Report of a Workshop.
N85-10001/4 **03**-*505,271* PC **A11**/MF **A01**

**NAS 1.26:174019**
Phylogenic Distribution of the Large 55 Rrna from Halococcus Morrhuae.
N85-11523/6 **04**-*508,623* PC **A03**/MF **A01**

**NAS 1.26:174020**
Field Tests of the Real-Data Acquisiton System for the NASA-LaRC Differential Absorption Lidar.
N85-10710/0 **03**-*505,400* PC **A02**/MF **A01**

**NAS 1.26:174024**
Rheology of Icy Satellites.
N85-11959/2 **04**-*508,029* PC **A02**

**NAS 1.26:174025**
Interactive Aircraft Flight Control and Aeroelastic Stabilization.
N85-11003/9 **04**-*507,924* PC **A02**/MF **A01**

**NAS 1.26:174026**
High Temperature Deformation of Hot-Pressed Polycrystalline Orthoenstatite.
N85-11861/0 **04**-*510,399* PC **A07**/MF **A01**

**NAS 1.26:174027**
Clouds Above the Martin Limb: Viking Observations.
N85-11922/0 **04**-*508,023* PC **A04**/MF **A01**

**NAS 1.26:174028**
Numerical Analysis of Flow and Heat Transfer in the VAFB LOX Storage Dewar Tank.
N85-11315/7 **04**-*510,545* PC **A05**/MF **A01**

**NAS 1.26:174029**
Experiments with Phase Transitions at Very High Pressure.
N85-11148/2 **04**-*510,180* PC **A03**/MF **A01**

**NAS 1.26:174030**
Search for White Dwarf Companions of Cool Stars with Peculiar Element Abundances.
N85-11923/8 **04**-*508,024* PC **A02**/MF **A01**

**NAS 1.26:174031**
Estudo Preliminar Sobre a Viabilidade de Deteccao de Macrofitas Flutuantes Atraves de Processamento Digital de Dados do MSS/LANDSAT (A Preliminary Study of the Feasibility of Detecting the Floating Macrophytes by Means of Digital Processing of MSS/LANDSAT Data).
N85-11418/9 **04**-*508,446* PC **A02**/MF **A01**

**NAS 1.26:174032**
High Pressure Cosmochemistry Applied to Major Planetary Interiors: Experimental Studies.
N85-11958/4 **04**-*508,028* PC **A02**/MF **A01**

**NAS 1.26:174033**
Projeto Serge: Trabalho de Campo Referente AO Experimento Sir-a No Brasil (Fase 2) (Shuttle Experimental Radar for Geological Exploration (SERGE) Project: Field Work Relating to the Shuttle Experimental Radar A (SIR-A) in Brazil (Phase 2)).
N85-11444/5 **04**-*508,937* PC **A09**/MF **A01**

**NAS 1.26:174034**
Study of the Solar Corona Using Radio and Space Observations.
N85-11963/4 **04**-*508,031* PC **A03**/MF **A01**

**NAS 1.26:174044**
Study on Spectral/Radiometric Characteristics of the Thematic Mapper for Land Use Applications.
N85-11434/6 **04**-*508,895* PC **A02**/MF **A01**

**NAS 1.26:174045**
Remote Sensing Applications Program.
N85-11435/3 **04**-*509,642* PC **A03**/MF **A01**

**NAS 1.26:174046**
Application of Remote Sensing to Resource Management and Environmental Quality Programs in Kansas.
N85-11436/1 **04**-*509,643* PC **A10**/MF **A01**

**NAS 1.26:174047**
Application of Digital Analysis of MSS to Agro-Environmental Studies.
N85-11437/9 **04**-*507,981* PC **A02**/MF **A01**

**NAS 1.26:174048**
South-Central United States Magnetic Anomaly.
N85-11438/7 **04**-*509,044* PC **A05**/MF **A01**

**NAS 1.26:174049**
Spectroradiometric Calibration of the Thematic Mapper and Multispectral Scanner System.
N85-11439/5 **04**-*509,863* PC **A03**/MF **A01**

**NAS 1.26:174050**
Mapeamento Tematico de Areas-Alvos Favoraveis a Ocorrencia de Cassiterita No Macico Granitico da Serra do Mocambo (Go), a Partir de Imagens Digitais do LANDSAT-2 (Thematic Mapping of Likely Target Areas for the Occurence of Cassiterite in the Serra Do Mocambo (Go) Granitic Massifs Using LANDSAT 2 Digital Imaging).
N85-11440/3 **04**-*509,007* PC **A02**/MF **A01**

**NAS 1.26:174051**
Shock Capturing Finite Difference Algorithms for Supersonic Flow past Fighter and Missile Type Configurations.
N85-10913/0 **04**-*507,877* PC **A02**/MF **A01**

**NAS 1.26:174052**
Research Program in Active Control/Aeroelasticity in the Jiafs at NASA Langley Research Center.
N85-11001/3 **04**-*509,511* PC **A02**/MF **A01**

**NAS 1.26:174053**
Development of a Global Model for Atmospheric Backscatter at CO2 Wavelengths.
N85-11489/0 **04**-*508,065* PC **A02**/MF **A01**

**NAS 1.26:174054**
Study of Microstrip Antenna Arrays and Related Problems.
N85-11265/4 **04**-*509,182* PC **A03**/MF **A01**

**NAS 1.26:174055**
Basic Research for the Geodynamics Program.
N85-11490/8 **04**-*508,910* PC **A03**/MF **A01**

**NAS 1.26:174056**
Biaxial Constitutive Equation Development for Single Crystals.
N85-11862/8 **04**-*510,538* PC **A03**/MF **A01**

**NAS 1.26:174057**
Research on Gallium Arsenide Diffused Junction Solar Cells.
N85-11457/7 **04**-*509,326* PC **A04**/MF **A01**

**NAS 1.26:174058**
Mechanisms of Flame Holding in the Wake of a Bluff Body.
N85-11149/0 **04**-*510,418* PC **A09**/MF **A01**

**NAS 1.26:174059**
Skeletal Muscle Metabolism in Hypokinetic Rats.
N85-11520/2 **04**-*508,642* PC **A02**/MF **A01**

**NAS 1.26:174060**
Laboratory Evaluation of Microwave Absorption Properties under Simulated Conditions for Planetary Atmospheres.
N85-11960/0 **04**-*508,030* PC **A02**/MF **A01**

**NAS 1.26:174061**
High Resolution Spectroscopic Study of the Oxygen Molecule.
N85-11150/8 **04**-*508,825* PC **A03**/MF **A01**

**NAS 1.26:174062**
Decision Tree Rating Scales for Workload Estimation: Theme and Variations.
N85-11544/2 **04**-*508,232* PC **A02**/MF **A01**

**NAS 1.26:174063**
Theoretical Development of Monte Carlo Codes for Modeling Cumulus Cloud Fields.
N85-11500/4 **04**-*508,067* PC **A04**/MF **A01**

**NAS 1.26:174064**
Cold Streams of Ionospheric Oxygen in the Plasma Sheet During the CDAW-6 Event of March 22, 1979.
N85-12513/6 **06**-*512,767* PC **A03**/MF **A01**

**NAS 1.26:174065**
Autonomous Momentum Management for Space Station.
N85-12931/0 **07**-*515,716* PC **A04**/MF **A01**

**NAS 1.26:174067**
Preliminary Analysis of Space Mission Applications for Electromagnetic Launchers.
N85-12071/5 **06**-*514,313* PC **A15**/MF **A01**

**NAS 1.26:174068**
Conference on the Origin of the Moon.
N85-13709/9 **07**-*514,396* PC **A04**/MF **A01**

**NAS 1.26:174069**
Activities at the Lunar and Planetary Institute.
N85-13694/3 **07**-*514,386* PC **A05**/MF **A01**

**NAS 1.26:174071**
Annual Meteoritical Society Meeting (47th).
N85-15599/2 **09**-*518,437* PC **A10**/MF **A01**

**NAS 1.26:174072**
Study of Instrument Design Options for the Columbus Spectroscopy Mission.
N85-13205/8 **07**-*515,223* PC **A07**/MF **A01**

**NAS 1.26:174073**
Martian Climate: Energy Balance Models with CO2/H2O Atmospheres.
N85-12849/4 **06**-*512,744* PC **A02**/MF **A01**

**NAS 1.26:174074**
Martian Impact Basins: Morphology Differences and Tectonic Provinces.
N85-12847/8 **06**-*512,742* PC **A02**/MF **A01**

**NAS 1.26:174075**
Multispectral and Geomorphic Studies of Processed Voyager 2 Images of Europa.

N85-12848/6 **06**-*512,743* PC **A02**/MF **A01**

**NAS 1.26:174076**
Dynamic Compression and Volatile Release of Carbonates.
N85-12504/5 **06**-*513,369* PC **A03**/MF **A01**

**NAS 1.26:174077**
Composite Structural Materials.
N85-12966/6 **07**-*514,974* PC **A08**/MF **A01**

**NAS 1.26:174079**
External Fuel Vaporization Study, Phase 2.
N85-11252/2 **04**-*510,512* PC **A03**/MF **A01**

**NAS 1.26:174087**
Ice-Soil Mixtures: Visual and Near-Infrared Remote Sensing Techniques.
N85-13358/5 **07**-*514,775* PC **A02**/MF **A01**

**NAS 1.26:174088**
Research in Computer Science.
N85-14572/0 **08**-*516,632* PC **A02**/MF **A01**

**NAS 1.26:174089**
Mars Polar Volatiles: Topographic and Geologic Setting.
N85-13708/1 **07**-*514,395* PC **A02**/MF **A01**

**NAS 1.26:174103**
Dynamic Crystallization of Silicate Melts.
N85-14774/2 **08**-*516,483* PC **A03**/MF **A01**

**NAS 1.26:174104**
Ocean Services User Needs Assessment. Volume 1. Survey Results, Conclusions and Recommendations.
N85-13445/0 **07**-*514,447* PC **A07**/MF **A01**

**NAS 1.26:174105**
Physics on Aircraft Wakes.
N85-12871/8 **07**-*514,323* PC **A02**/MF **A01**

**NAS 1.26:174106**
Investigation of RF Excited CW CO2 Waveguide Lasers.
N85-13221/5 **07**-*515,546* PC **A03**/MF **A01**

**NAS 1.26:174108**
Software Used with the Flux Mapper at the Solar Parabolic Dish Test Site.
N85-13376/7 **07**-*514,921* PC **A04**/MF **A01**

**NAS 1.26:174109**
Concentrator Optical Characterization Using Computer Mathematical Modelling and Point Source Testing.
N85-13375/9 **07**-*514,920* PC **A03**/MF **A01**

**NAS 1.26:174110**
Experimental Investigation of Two-Dimensional Thrust Augmenting Ejectors, Part 2.
N85-12895/7 **07**-*515,685* PC **A05**/MF **A01**

**NAS 1.26:174111**
Experimental Investigation of Two-Dimensional Thrust Augmenting Ejectors, Part 1.
N85-12894/0 **07**-*515,684* PC **A06**/MF **A01**

**NAS 1.26:174112**
Technologies for Space Station Autonomy.
N85-12906/2 **07**-*515,713* PC **A05**/MF **A01**

**NAS 1.26:174113**
Preliminary Checkout, Evaluation and Calibration of a 3-Component Force Measurement System for Calibrating Propulsion Simulators for Wind Tunnel Models.
N85-12903/9 **07**-*515,220* PC **A09**/MF **A01**

**NAS 1.26:174115**
Restoration of Multichannel Microwave Radiometric Images.
N85-13527/5 **07**-*514,830* PC **A03**/MF **A01**

**NAS 1.26:174116**
Noise Removal in Multichannel Images.
N85-13526/7 **07**-*514,829* PC **A02**/MF **A01**

**NAS 1.26:174119**
LANDSAT Instruments Characterization.
N85-14197/6 **08**-*516,626* PC **A02**/MF **A01**

**NAS 1.26:174120**
LANDSAT Instruments Characterization.
N85-14198/4 **08**-*516,627* PC **A02**/MF **A01**

**NAS 1.26:174121**
LANDSAT Instruments Characterization.
N85-14199/2 **08**-*516,628* PC **A02**/MF **A01**

**NAS 1.26:174122**
Characterizing the Scientific Potential of Satellite Sensors.
N85-14200/8 **08**-*516,629* PC **A02**/MF **A01**

**NAS 1.26:174123**
LANDSAT Instruments Characterization.
N85-13356/9 **07**-*514,822* PC **A02**/MF **A01**

**NAS 1.26:174124**
Avaliacao de Tecnicas de Tratamento for Computador de Dados Digitais Mss-Landsat NA Discriminacao Litologica NA Serra Do Ramalho, Estado DA Bahia (Assessment of Computer Techniques for Processing Digital Landsat MSS Data for Lithological Discrimination of Serra Do Ramalho, State of Bahia).
N85-12412/1 **05**-*511,382* PC **A03**/MF **A01**

**NAS 1.26:174125**
Continental and Oceanic Crustal Magnetization Modelling.
N85-12413/9 **05**-*511,453* PC **A02**/MF **A01**

**NAS 1.26:174126**
Especificacao e Projeto Preliminar do Sistema Carta para Cartografia por Satelite (Specification and Preliminary Design of the Carta System for Satellite Cartography).
N85-12414/7 **05**-*511,354* PC **A04**/MF **A01**

**NAS 1.26:174127**
Avaliacao de Criterios de Selecao de Atributos Espectrais de Imagens Digitais MSS-LANDSAT, Em Discriminacoes Litologicas no Baixo Vale do Rio Curaca, Bahia (Evaluation of Criteria for Selecting the Spectral Attributes of Digital LANDSAT MSS Imagery for Discriminating Lithological Units in the Lower Curaca River Valley, Bahia).
N85-12415/4 **05**-*511,383* PC **A03**/MF **A01**

**NAS 1.26:174128**
Effects of the Oceans on Polar Motion: Continued Investigations.
N85-12416/2 **05**-*511,367* PC **A02**/MF **A01**

**NAS 1.26:174129**
Investigation of Several Aspects of LANDSAT 4/5 Data Quality.
N85-13357/7 **07**-*514,823* PC **A02**/MF **A01**

**NAS 1.26:174131**
LANDSAT4/5 Image Data Quality Analysis.
N85-12417/0 **05**-*511,500* PC **A02**/MF **A01**

**NAS 1.26:174132**
Magnetohydrodynamic and Gasdynamic Theories for Planetary Bow Waves.
N85-12850/2 **06**-*512,745* PC **A04**/MF **A01**

**NAS 1.26:174133**
Spectral Components at Visual and Infrared Wavelengths in Active Galactic Nuclei.
N85-12832/0 **06**-*512,733* PC **A02**/MF **A01**

**NAS 1.26:174134**
Studies of the Chemistry of Vibrationally and Electronically Excited Species in Planetary Upper Atmospheres.
N85-12851/0 **06**-*512,746* PC **A03**/MF **A01**

**NAS 1.26:174135**
Magnetohydrodynamic and Gasdynamic Theories for Planetary Bow Waves.
N85-13760/2 **07**-*514,399* PC **A04**/MF **A01**

**NAS 1.26:174138**
NASA/ASEE Summer Faculty Fellowship Program, 1984.
N85-13663/8 **07**-*514,380* PC **A05**/MF **A01**

**NAS 1.26:174141**
Absolute Transition Probabilities of Lines in the Spectra of Astrophysical Atoms, Molecules, and Ions.
N85-13705/7 **07**-*514,393* PC **A02**/MF **A01**

**NAS 1.26:174142**
Laboratory Studies of Atomic Collision Processes of Importance in Planetary Atmospheres.
N85-13758/6 **07**-*514,397* PC **A03**/MF **A01**

**NAS 1.26:174143**
Time Dependent Effects at the Foot of the Chromosphere.
N85-13762/8 **07**-*514,401* PC **A02**/MF **A01**

**NAS 1.26:174144**
Study of the Structure of Turbulent Shear Flows at Supersonic Speeds and High Reynolds Number.
N85-12865/0 **07**-*515,531* PC **A04**/MF **A01**

**NAS 1.26:174145**
Normal Incidence, High Resolution X-Ray Telescope for Solar Coronal Observations.
N85-13699/2 **07**-*514,387* PC **A06**/MF **A01**

**NAS 1.26:174146**
Outer Satellite Atmospheres: Their Nature and Planetary Interactions.
N85-13759/4 **07**-*514,398* PC **A04**/MF **A01**

**NAS 1.26:174149**
Telecommunications and Data Acquisition Report.
N85-13980/6 **08**-*517,373* PC **A09**/MF **A01**

**NAS 1.26:174153**
Oscillator Strengths for OII Ions.
N85-13558/0 **07**-*514,706* PC **A02**/MF **A01**

**NAS 1.26:174154**
Investigations of Severe/Tornadic Thunderstorm Development and Evolution Based on Satellite and AVE/Sesame/VAS Data.
N85-13424/5 **07**-*514,416* PC **A02**/MF **A01**

**NAS 1.26:174155**
Lithospheric Structure in the Pacific Geoid.
N85-13365/0 **07**-*514,739* PC **A02**/MF **A01**

**NAS 1.26:174156**
Archean Sedimentation and Tectonics in Southern Africa.
N85-13408/8 **07**-*514,748* PC **A02**/MF **A01**

**NAS 1.26:174157**
Nondestructive Evaluation of Residual Stress in Low-Carbon Steel.
N85-13264/5 **07**-*514,997* PC **A03**/MF **A01**

**NAS 1.26:174158**
Particle Velocity Experiments in Anorthosite and Gabbro.
N85-13407/0 **07**-*514,747* PC **A02**/MF **A01**

**NAS 1.26:174159**
Velocity-Changing Collisional Effects in Nonlinear Atomic Spectroscopy and Photon Echo Decay in Gases.
N85-13559/8 **07**-*514,707* PC **A02**/MF **A01**

**NAS 1.26:174160**
Scintillator-Fiber Charged Particle Track-Imaging Detector.
N85-13560/6 **07**-*515,360* PC **A03**/MF **A01**

**NAS 1.26:174161**
International Test and Demonstration of a 1-Mw Wellhead Generator: Helical Screw Expander Power Plant.
N85-13372/6 **07**-*514,946* PC **A11**/MF **A01**

**NAS 1.26:174162**
Multisensor Satellite Data Integration for Sea Surface Wind Speed and Direction Determination.
N85-13446/8 **07**-*514,770* PC **A05**/MF **A01**

**NAS 1.26:174163**
Evaluation of Heat Engine for Hybrid Vehicle Application.
N85-13245/4 **07**-*515,604* PC **A04**/MF **A01**

**NAS 1.26:174164**
RS CV sub n Binary Systems.
N85-13704/0 **07**-*514,392* PC **A02**/MF **A01**

**NAS 1.26:174165**
Outer Atmospheres of Giant and Supergiant Stars.
N85-13703/2 **07**-*514,391* PC **A02**/MF **A01**

**NAS 1.26:174166**
Far-Infrared Line Emission from the Galaxy.
N85-13702/4 **07**-*514,390* PC **A10**/MF **A01**

**NAS 1.26:174167**
Analysis of the Impact of Error Detection on Computer Performance.
N85-13477/3 **07**-*514,824* PC **A02**/MF **A01**

**NAS 1.26:174168**
Unified Method for Evaluating Real-Time Computer Controllers: A Case Study.
N85-13478/1 **07**-*514,342* PC **A03**/MF **A01**

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Coastal Zone Color Scanner (CZCS): Imagery of Near-Surface Phytoplankton Pigment Concentrations from the First Coastal Ocean Dynamics Experiment (CODE-1), March - July 1981.
N85-13447/6 **07**-*514,733* PC **A05**/MF **A01**

**NAS 1.26:174170**
Mission Science Value-Cost Savings from the Advanced Imaging Communication System (AICS) (Advanced Imaging Communication System).
N85-12905/4 **07**-*515,283* PC **A03**/MF **A01**

**NAS 1.26:174171**
Dynamics of Coupled Ice-Ocean System in the Marginal Ice Zone: Study of the Mesoscale Processes and of Constitutive Equations for Sea Ice.
N85-13448/4 **07**-*514,776* PC **A06**/MF **A01**

**NAS 1.26:174172**
Role of Freestream Turbulence Scale in Subsonic Flow Separation.
N85-12870/0 **07**-*514,322* PC **A03**/MF **A01**

**NAS 1.26:174173**
Modulation of the Cytosolic Androgen Receptor in Striated Muscle by Sex Steroids.
N85-13468/2 **07**-*514,642* PC **A02**/MF **A01**

**NAS 1.26:174174**
Alternative to Reduction of Surface Pressure to Sea Level.
N85-13422/9 **07**-*514,415* PC **A02**/MF **A01**

**NAS 1.26:174175**
Undetected Error Probability for Shortened Hamming Codes.
N85-13535/8 **07**-*514,860* PC **A02**/MF **A01**

**NAS 1.26:174176**
Transformation of Two and Three-Dimensional Regions by Elliptic Systems.
N85-13529/1 **07**-*515,041* PC **A02**/MF **A01**

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Site-Specific Research Conducted in Support of the Salton Sea Solar Pond Project, FY 1982 Report.
N85-14280/0 **08**-*516,764* PC **A06**/MF **A01**

**NAS 1.26:174183**
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N85-14286/7 **08**-*516,765* PC **A08**/MF **A01**

**NAS 1.26:174184**
Interaction of Global Biochemical Cycles.
N85-14183/6 **08**-*515,833* PC **A12**/MF **A01**

**NAS 1.26:174185**
Convective Scale Weather Analysis and Forecasting.
N85-15320/3 **09**-*518,465* PC **A02**/MF **A01**

**NAS 1.26:174188**
Analise Integrada dos Produtos de Sensoriamento Remoto em Levantamentos Geologicos Basicos (Integrated Analysis of Remote Sensing Products from Basic Geological Surveys).
N85-16248/5 **10**-*521,840* PC **A02**/MF **A01**

**NAS 1.26:174189**
Experiencias com Processamento Digital de Imagens no INPE (Instituto de Pesquisas Espaciais) (Experiences with

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N85-15247/8 **10**-*521,963* PC **A02**/MF **A01**

**NAS 1.26:174194**
Studies of Radiative Transfer in Planetary Atmospheres.
N85-14778/3 **08**-*515,820* PC **A02**/MF **A01**

**NAS 1.26:174195**
Alterations in Skeletal Muscle with Disuse Atrophy.
N85-15349/2 **09**-*518,770* PC **A02**/MF **A01**

**NAS 1.26:174196**
Lower Atmospheric Composition of Jupiter from Voyager Infrared Measurements.
N85-14779/1 **08**-*515,821* PC **A02**/MF **A01**

**NAS 1.26:174197**
Shock-Induced CO2 Loss from CaCO3: Implications for Early Planetary Atmospheres.
N85-14777/5 **08**-*515,819* PC **A03**/MF **A01**

**NAS 1.26:174198**
Utilization of SAGE Aerosol Profiles in the Analysis of Mauna Loa Stratospheric Lidar Data.
N85-14332/9 **08**-*515,834* PC **A02**/MF **A01**

**NAS 1.26:174199**
Boundary Layer Simulator Improvement.
N85-13802/2 **08**-*518,307* PC **A07**/MF **A01**

**NAS 1.26:174201**
Differentiated Meteorites and the Components of Chondrites.
N85-15649/5 **09**-*518,438* PC **A02**/MF **A01**

**NAS 1.26:174203**
Electromagnetic Resonances of Cylinders and Aircraft Model with Resistive Wires.
N85-15319/5 **09**-*518,342* PC **A04**/MF **A01**

**NAS 1.26:174204**
Theoretical Studies of Chromospheres and Winds in Cool Stars.
N85-15596/8 **09**-*518,436* PC **A02**/MF **A01**

**NAS 1.26:174205**
Oblique Focus ICCD Laboratory Evaluation.
N85-15480/5 **09**-*518,432* PC **A02**/MF **A01**

**NAS 1.26:174206**
Analysis of Jovian Decametric Data: Study of Radio Emission Mechanisms.
N85-17917/4 **11**-*523,340* PC **A02**/MF **A01**

**NAS 1.26:174207**
Unidentified IRAS Sources: Ultrahigh Luminosity Galaxies.
N85-15537/2 **09**-*518,434* PC **A02**/MF **A01**

**NAS 1.26:174208**
IRAS Galaxy 0421 + 040P06: An Active Spiral Galaxy with Extended Radio Lobes.
N85-15536/4 **09**-*518,433* PC **A03**/MF **A01**

**NAS 1.26:174209**
How Many Earth-Approaching Asteroids Are There.
N85-15650/3 **09**-*518,443* PC **A02**/MF **A01**

**NAS 1.26:174210**
Precise Control of Flexible Manipulators.
N85-16178/4 **10**-*522,401* PC **A04**/MF **A01**

**NAS 1.26:174219**
Study of the Stress Wave Factor Technique for the Characterization of Composite Materials.
N85-15821/0 **10**-*522,096* PC **A06**/MF **A01**

**NAS 1.26:174220**
Classification of Vegetation Communities in the Battle Mountain SE Quadrangle, Nevada with MSS Digital Data.
N85-15246/0 **10**-*521,559* PC **A03**/MF **A01**

**NAS 1.26:174221**
Characterizing the Scientific Potential of Satellite Sensors.
N85-16244/4 **10**-*521,803* PC **A02**/MF **A01**

**NAS 1.26:174222**
Integrated LANDSAT/Ancillary Data Classification of Desert Rangeland.
N85-15248/6 **10**-*521,560* PC **A02**/MF **A01**

**NAS 1.26:174223**
Geographic Information System for Resource Managers Based on Multi-Level Remote Sensing Data.
N85-15249/4 **10**-*521,825* PC **A02**/MF **A01**

**NAS 1.26:174224**
Effective Use of Remote Sensing Products in Litigation.
N85-15250/2 **10**-*521,257* PC **A02**/MF **A01**

**NAS 1.26:174225**
Detecting Agricultural to Urban Land Use Change from Multi-Temporal MSS Digital Data.
N85-16245/1 **10**-*522,285* PC **A02**/MF **A01**

**NAS 1.26:174226**
Integrated Remote Sensing Approach for Identifying Ecological Range Sites.
N85-16246/9 **10**-*521,804* PC **A02**/MF **A01**

**NAS 1.26:174227**
Characterizing the Scientific Potential of Satellite Sensors.
N85-16249/3 **10**-*521,805* PC **A02**/MF **A01**

**NAS 1.26:174228**
LANDSAT-4 Thematic Mapper Modulation Transfer Function (MFT) Evaluation.
N85-16250/1 **10**-*521,806* PC **A02**/MF **A01**

**NAS 1.26:174229**
Study of Spectral/Radiometric Characteristics of the Thematic Mapper for Land Use Applications.
N85-16268/3 **10**-*521,807* PC **A03**/MF **A01**

**NAS 1.26:174230**
Growth/Reflectance Model Interface for Wheat and Corresponding Model.
N85-16269/1 **10**-*520,995* PC **A03**/MF **A01**

**NAS 1.26:174231**
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N85-16270/9 **10**-*522,498* PC **A11**/MF **A01**

**NAS 1.26:174232**
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N85-16271/7 **10**-*522,499* PC **A11**/MF **A01**

**NAS 1.26:174242**
Mineralogy of Global Magnetic Anomalies.
N85-16272/5 **10**-*521,841* PC **A08**/MF **A01**

**NAS 1.26:174245**
Analysis of Physical-Chemical Processes Governing SSME Internal Fluid Flows.
N85-14862/5 **09**-*520,212* PC **A05**/MF **A01**

**NAS 1.26:174246**
Improved Computer Model for Prediction of Axial Gas Turbine Performance Losses.
N85-15724/6 **10**-*523,188* PC **A06**/MF **A01**

**NAS 1.26:174247**
Development and Test of Ultra-Large-Format Multi-Anode Microchannel Array Detector Systems.
N85-16622/1 **10**-*522,582* PC **A02**/MF **A01**

**NAS 1.26:174248**
Evaluation of a Deformable Diffraction Grating for a Stigmatic EUV Spectroheliometer.
N85-16621/3 **10**-*522,978* PC **A02**/MF **A01**

**NAS 1.26:174249**
Research Relative to the Development of a Cryogenic Microwave Cavity Gradiometer for Orbital Use.
N85-16095/0 **10**-*522,484* PC **A03**/MF **A01**

**NAS 1.26:174250**
Computational Analysis of Scramjet Dual Mode Operation.
N85-16060/4 **10**-*523,191* PC **A02**/MF **A01**

**NAS 1.26:174252**
Synthesis of Proterozoic Data as a Prerequisite for Tectonic and Thermal Modeling.
N85-16323/6 **10**-*521,842* PC **A04**/MF **A01**

**NAS 1.26:174256**
Natural Interference Phenomena Affecting Spaceborne Receivers.
N85-15798/0 **10**-*522,482* PC **A02**/MF **A01**

**NAS 1.26:174257**
Demonstration of Transparent Solar Array Module Design.
N85-16302/0 **10**-*522,060* PC **A05**/MF **A01**

**NAS 1.26:174258**
Second-Order Accurate Parabolized Navier-Stokes Algorithm for Internal Flows.
N85-16059/6 **10**-*522,945* PC **A02**/MF **A01**

**NAS 1.26:174259**
Multijunction Cells for Concentrators: Technology Prospects.
N85-16295/6 **10**-*522,056* PC **A03**/MF **A01**

**NAS 1.26:174260**
Target Detection Using Microwave Irradiances from Natural Sources: A Passive, Local and Global Surveillance System.
N85-15991/1 **10**-*522,581* PC **A03**/MF **A01**

**NAS 1.26:174261**
13C Nuclear Magnetic Resonance in Graphite Intercalation Compounds.
N85-16601/5 **10**-*521,739* PC **A02**/MF **A01**

**NAS 1.26:174262**
Understanding the High Pressure Properties of Molecular Solids and Molecular Surfaces Deposited on Hetrogeneous Substrates.
N85-16649/4 **10**-*521,018* PC **A02**/MF **A01**

**NAS 1.26:174263**
Performance and Cost of Energy Transport and Storage Systems for Dish Applications Using Reversible Chemical Reactions.
N85-16298/0 **10**-*522,068* PC **A04**/MF **A01**

**NAS 1.26:174264**
Biocatalyzed Processes for Production of Commodity Chemicals: Assessment of Future Research Advances for n-Butanol Production.
N85-15819/4 **10**-*521,658* PC **A03**/MF **A01**

**NAS 1.26:174265**
What Should Doe Do to Help Establish Voluntary Consensus Standards for Measuring and Rating the Performance of PV Modules.
N85-16297/2 **10**-*522,057* PC **A04**/MF **A01**

**NAS 1.26:174266**
Infrared Technology for Satellite Power Conversion.
N85-16293/1 **10**-*522,054* PC **A03**/MF **A01**

**NAS 1.26:174267**
Research in Support of NASA's Space Science.
N85-17728/5 **11**-*523,374* PC **A02**/MF **A01**

**NAS 1.26:174268**
20 Ghz Proof-of-Concept Test Model Results for a Multiple Scan Beam Dual Reflector Antenna.
N85-15944/0 **10**-*522,004* PC **A02**/MF **A01**

**NAS 1.26:174269**
Spaceborne Receivers: Basic Principles.
N85-15990/3 **10**-*522,483* PC **A05**/MF **A01**

**NAS 1.26:174270**
Results of the 1984 NASA/JPL Balloon Flight Solar Cell Calibration Program.
N85-16294/9 **10**-*522,055* PC **A02**/MF **A01**

**NAS 1.26:174271**
Flow of Nitrogen-Pressurized Halon 1301 in Fire Extinguishing Systems.
N85-15701/4 **10**-*522,426* PC **A06**/MF **A01**

**NAS 1.26:174272**
JPL Robotics Laboratory Computer Vision Software Library.
N85-16491/1 **10**-*521,968* PC **A03**/MF **A01**

**NAS 1.26:174273**
Performance Characteristics of a Battery Charger and State-of-Charge Indicator.
N85-15992/9 **10**-*522,067* PC **A04**/MF **A01**

**NAS 1.26:174274**
Antisoiling Technology: Theories of Surface Soiling and Performance of Antisoiling Surface Coatings.
N85-16296/4 **10**-*522,035* PC **A03**/MF **A01**

**NAS 1.26:174275**
Power Transfer from Natural Emitters to Collection Apertures at Microwave Wavelengths.
N85-15969/5 **10**-*522,580* PC **A03**/MF **A01**

**NAS 1.26:174276**
Study of High Performance Alloy Electroforming.
N85-15875/6 **10**-*522,385* PC **A02**/MF **A01**

**NAS 1.26:174277**
Ultrasound Instrumentation for the 7 Inch Mach Seven Tunnel.
N85-16586/8 **10**-*522,501* PC **A03**/MF **A01**

**NAS 1.26:174278**
Calibration of Photographic and Spectroscopic Films: A Densitometric Analysis of IIaO Film Flown Aboard the Space Shuttle 3.
N85-16101/6 **10**-*522,520* PC **A02**/MF **A01**

**NAS 1.26:174279**
Random Equations in Aerodynamics.
N85-16825/0 **11**-*523,221* PC **A02**/MF **A01**

**NAS 1.26:174280**
Facility Safety Study.
N85-15759/2 **10**-*522,427* PC **A10**/MF **A01**

**NAS 1.26:174281**
MMIC Devices for Active Phased Array Antennas.
N85-15943/2 **10**-*522,003* PC **A02**/MF **A01**

**NAS 1.26:174282**
SIR-B Science Investigations Plan.
N85-17208/8 **11**-*524,926* PC **A10**/MF **A01**

**NAS 1.26:174287**
Silicon Superlattices. 2: Si-Ge Heterostructures and MOS Systems.
N85-17711/1 **11**-*525,648* PC **A03**/MF **A01**

**NAS 1.26:174288**
Spectroscopic Observations of Selected Stellar Systems.
N85-17915/8 **11**-*523,338* PC **A02**/MF **A01**

**NAS 1.26:174289**
Calculation of Theoretical Chromospheric Models and the Interpretation of Solar Spectra from Rockets and Spacecraft.
N85-17922/4 **11**-*523,344* PC **A04**/MF **A01**

**NAS 1.26:174290**
Coronal and Chromospheric Physics.
N85-17921/6 **11**-*523,343* PC **A02**/MF **A01**

**NAS 1.26:174291**
Mineralogical Investigations of Lunar Samples and Meteorites.
N85-17918/2 **11**-*523,341* PC **A02**/MF **A01**

**NAS 1.26:174292**
Investigation of Dynamic Noise Affecting Geodynamics Information in a Tethered Subsatellite.
N85-17405/0 **11**-*524,092* PC **A04**/MF **A01**

**NAS 1.26:174293**
NASA Three-Laser Airborne Differential Absorption Lidar System Electronics.
N85-17353/2 **11**-*524,809* PC **A05**/MF **A01**

**NAS 1.26:174294**
Summary of Activities of Aeronautics and Space Engineering Board.
N85-17729/3 **11**-*525,846* PC **A02**/MF **A01**

**NAS 1.26:174295**
Gravity Anomaly Map of Mars and Moon and Analysis of Venus Gravity Field: New Analysis Procedures.
N85-17919/0 **11**-*523,342* PC **A03**/MF **A01**

**NAS 1.26:174296**
Research Program to Study Transition Metal Trimers and Embedded Clusters.
N85-17093/4 **11**-*524,044* PC **A04**/MF **A01**

**NAS 1.26:174297**
Impact and Collisional Processes in the Solar System.
N85-17914/1 **11**-*523,337* PC **A02**/MF **A01**

**NAS 1.26:174298**
Elemental Abundances of Mercury-Manganese Stars and the Population 2 Type Star HD 109995.
N85-17913/3 **11**-*523,336* PC **A02**/MF **A01**

**NAS 1.26:174299**
Investigation of Vortex-Induced Aerodynamic Characteristics of Supersonic Cruise Configurations.
N85-15690/9 **10**-*520,940* PC **A02**/MF **A01**

**NAS 1.26:174300**
Research Relative to Plasma Transport Across the Magnetopause.
N85-16636/1 **10**-*521,027* PC **A02**/MF **A01**

**NAS 1.26:174301**
Flow of Plasma in the Solar Terrestrial Environment.
N85-17707/9 **11**-*523,373* PC **A02**/MF **A01**

**NAS 1.26:174311**
Infrared Astronomical Satellite (IRAS) Catalogs and Atlases. Explanatory Supplement.
N85-18898/5 **12**-*525,983* PC **E14**/MF **A01**

**NAS 1.26:174312**
Analysis of Terrestrial Conditions and Dynamics.
N85-17401/9 **11**-*523,797* PC **A02**/MF **A01**

**NAS 1.26:174313**
Shortwave Infrared Detection of Vegetation.
N85-17402/7 **11**-*523,286* PC **A02**/MF **A01**

**NAS 1.26:174314**
Effects of High Energy Radiation on the Mechanical Properties of Epoxy-Graphite Fiber Reinforced Composites.
N85-17047/0 **11**-*524,452* PC **A04**/MF **A01**

**NAS 1.26:174315**
Coding for Reliable Satellite Communications.
N85-17257/5 **11**-*524,876* PC **A02**/MF **A01**

**NAS 1.26:174316**
Space Station Needs, Attributes, and Architectural Option Study.
N85-17011/6 **11**-*525,831* PC **A09**/MF **A01**

**NAS 1.26:174317**
Sea Breeze-Induced Mesoscale Systems and Severe Weather.
N85-17480/3 **11**-*523,391* PC **A02**/MF **A01**

**NAS 1.26:174318**
Research on Optimal Control, Stabilization and Computational Algorithms for Aerospace Applications.
N85-17603/0 **11**-*524,549* PC **A04**/MF **A01**

**NAS 1.26:174319**
Completely Monotone Regression Estimates of Software Failure Rates.
N85-17575/0 **11**-*524,269* PC **A02**/MF **A01**

**NAS 1.26:174321**
Pilot Climate Data System.
N85-17481/1 **11**-*523,392* PC **A02**/MF **A01**

**NAS 1.26:174326**
Vectorizable Multigrid Algorithms for Transonic Flow Calculations.
N85-16827/6 **11**-*525,355* PC **A05**/MF **A01**

**NAS 1.26:174327**
Discovery Circumstances of Earth-Approaching Asteroids.
N85-17920/8 **11**-*523,320* PC **A03**/MF **A01**

**NAS 1.26:174328**
Cometary Ion Mass Spectrometer.
N85-17343/3 **11**-*524,807* PC **A06**/MF **A01**

**NAS 1.26:174330**
Natural Environment Analysis.
N85-17433/2 **11**-*525,848* PC **A04**/MF **A01**

**NAS 1.26:174331**
Automated Assembly of Gallium Arsenide and 50-Micron Thick Silicon Solar Cell Modules.
N85-17364/9 **11**-*524,388* PC **A02**/MF **A01**

**NAS 1.26:174332**
Computational Fluid Mechanics Utilizing the Variational Principle of Modeling Damping Seals.
N85-17325/0 **11**-*525,838* PC **A03**/MF **A01**

**NAS 1.26:174333**
Railroad Safety Program. Volume 1.
N85-18830/8 **12**-*527,387* PC **A12**/MF **A01**

**NAS 1.26:174334**
Design and Fabrication of a CCD Camera for Use with Relay Optics in Solar X-Ray Astronomy.
N85-17344/1 **11**-*524,829* PC **A04**/MF **A01**

**NAS 1.26:174335**
Technology for Satellite Power Conversion.
N85-18451/3 **12**-*527,046* PC **A05**/MF **A01**

**NAS 1.26:174336**
Adaptive Antenna Arrays for Weak Interfering Signals.
N85-17258/3 **11**-*524,297* PC **A04**/MF **A01**

**NAS 1.26:174337**
Effect of Disuse on Sarcoplasmic Reticulum in Fast and Slow Skeletal Muscle.
N85-17508/1 **11**-*523,897* PC **A02**/MF **A01**

**NAS 1.26:174338**
Extended Atmospheres of Outer Planet Satellites and Comets.
N85-17916/6 **11**-*523,339* PC **A02**/MF **A01**

**NAS 1.26:174339**
Comparison of Rat Myosin from Fast and Slow Skeletal Muscle and the Effect of Disuse.
N85-17510/7 **11**-*523,899* PC **A02**/MF **A01**

**NAS 1.26:174340**
Acid Phosphatase and Protease Activities in Immobilized Rat Skeletal Muscles.
N85-17509/9 **11**-*523,898* PC **A02**/MF **A01**

**NAS 1.26:174341**
Information Extraction and Transmission Techniques for Spaceborne Synthetic Aperture Radar Images.
N85-17256/7 **11**-*524,266* PC **A12**/MF **A01**

**NAS 1.26:174342**
Study of Reynolds-Stress Closure Model.
N85-17324/3 **11**-*525,358* PC **A03**/MF **A01**

**NAS 1.26:174343**
Resident Research Associateships. Postdoctoral and Senior Research Awards: Opportunities for Research at the Jet Propulsion Laboratory.
N85-18945/4 **12**-*526,270* PC **A04**/MF **A01**

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N85-17452/2 **11**-*523,368* PC **A12**/MF **A01**

**NAS 1.26:174346**
Verification and Application of the Iosipescu Shear Test Method.
N85-18376/2 **12**-*527,087* PC **A06**/MF **A01**

**NAS 1.26:174347**
Semiconductor Superlattice Photodetectors.
N85-18791/2 **12**-*527,663* PC **A02**/MF **A01**

**NAS 1.26:174348**
Raster Graphics Extensions to the Core System.
N85-18590/8 **12**-*526,931* PC **A02**/MF **A01**

**NAS 1.26:174349**
Analysis of the Viking Lander 1 Surface Wind Vector for Sols 45 to 375.
N85-18932/2 **12**-*525,996* PC **A02**/MF **A01**

**NAS 1.26:174350**
Evaluation of a Deformable Diffraction Grating for a Stigmatic EUV Spectroheliometer.
N85-18309/3 **12**-*527,488* PC **A02**/MF **A01**

**NAS 1.26:174351**
Research Study of Space Plasma Boundary Processes.
N85-19823/2 **13**-*528,422* PC **A03**/MF **A01**

**NAS 1.26:174353**
Research Applied to Transonic Compressors in Numerical Fluid Mechanics of Inviscid Flow and Viscous Flow.
N85-18291/3 **12**-*528,245* PC **A05**/MF **A01**

**NAS 1.26:174354**
International Ultraviolet Explorer Observations of Amorphous Hot Galaxies.
N85-19904/0 **13**-*528,395* PC **A03**/MF **A01**

**NAS 1.26:174356**
Global Scale Diagnoses of FGGE Data.
N85-18533/8 **12**-*526,036* PC **A02**/MF **A01**

**NAS 1.26:174357**
Characterization of CNRS Fizeau Wedge Laser Tuner.
N85-18328/3 **12**-*527,941* PC **A02**/MF **A01**

**NAS 1.26:174361**
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N85-18910/8 **12**-*525,985* PC **A02**/MF **A01**

**NAS 1.26:174366**
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N85-19224/3 **13**-*529,931* PC **A13**/MF **A01**

**NAS 1.26:174367**
Resolution Enhancement of Multichannel Microwave Imagery from the Nimbus-7 SMMR for Maritime Rainfall Analysis.
N85-19221/9 **13**-*528,444* PC **A03**/MF **A01**

**NAS 1.26:174368**
NASA New Technology Identification and Evaluation.
N85-18832/4 **12**-*526,269* PC **A02**/MF **A01**

**NAS 1.26:174369**
Boundary Layer on Compressor Cascade Blades.
N85-18292/1 **12**-*528,246* PC **A03**/MF **A01**

**NAS 1.26:174370**
Boundary Conditions for the Paleoenvironment: Chemical and Physical Processes in the Pre-Solar Nebula.
N85-19901/6 **13**-*528,393* PC **A02**/MF **A01**

**NAS 1.26:174374**
Improvement of Workload Estimation Techniques in Piloting Tasks.
N85-19646/7 **13**-*528,602* PC **A02**/MF **A01**

**NAS 1.26:174375**
Binary Weight Distribution of Some Reed-Solomon Codes.
N85-18628/6 **12**-*526,964* PC **A02**/MF **A01**

**NAS 1.26:174376**
Lyman alpha Coronagraph Research Sounding Rocket Program.
N85-18517/1 **12**-*525,981* PC **A03**/MF **A01**

**NAS 1.26:174378**
Progenitors of White Dwarfs.
N85-18913/2 **12**-*525,988* PC **A02**/MF **A01**

**NAS 1.26:174379**
Ultraviolet Spectroscopy of Selected Astronomical Sources.
N85-18912/4 **12**-*525,987* PC **A02**/MF **A01**

**NAS 1.26:174380**
Metal Vapor Arc Switch Electromagnetic Accelerator Technology.
N85-18259/0 **12**-*526,880* PC **A04**/MF **A01**

**NAS 1.26:174381**
Commerce Lab: Mission Analysis and Payload Integration Study.
N85-18993/4 **13**-*530,705* PC **A05**/MF **A01**

**NAS 1.26:174383**
Space Station Engineering and Technology Development.
N85-18079/2 **12**-*528,265* PC **A05**/MF **A01**

**NAS 1.26:174384**
Development and Operation of a Real-Time Data Acquisition System for the NASA-Larc Differential Absorption Lidar.
N85-18583/3 **12**-*526,010* PC **A04**/MF **A01**

**NAS 1.26:174398**
Extended Atmospheres of Outer Planet Satellites and Comets.
N85-18933/0 **12**-*525,997* PC **A02**/MF **A01**

**NAS 1.26:174399**
Assessment of LANDSAT for Rangeland Mapping, Rush Valley, Utah.
N85-19486/8 **13**-*529,019* PC **A03**/MF **A01**

**NAS 1.26:174400**
Integrated GIS(Geographic Information System)/Remote Sensing Data Base in North Cache Soil Conservation District, Utah: A Pilot Project for the Utah Department of Agriculture's RIMS (Resource Inventory and Monitoring System).
N85-19487/6 **13**-*528,533* PC **A04**/MF **A01**

**NAS 1.26:174401**
Anaysis of the Quality of Image Data Required by the LANDSAT-4 Thematic Mapper and Multispectral Scanner.
N85-19488/4 **13**-*528,361* PC **A08**/MF **A01**

**NAS 1.26:174402**
Study of Spectral/Radiometric Characteristics of the Thematic Mapper for Land Use Applications.
N85-19489/2 **13**-*529,020* PC **A03**/MF **A01**

**NAS 1.26:174403**
LANDSAT 4 Investigation of Thematic Mapper and Multispectral Scanner Applications.
N85-19490/0 **13**-*529,198* PC **A02**/MF **A01**

**NAS 1.26:174404**
Spectroradiometric Calibration of the Thematic Mapper and Multispectral Scanner System.
N85-19491/8 **13**-*529,021* PC **A03**/MF **A01**

**NAS 1.26:174405**
Thematic Mapper: Design Through Flight Evaluation (Revised).
N85-19492/6 **13**-*529,022* PC **A10**/MF **A01**

**NAS 1.26:174406**
Brazilian Remote Sensing Receiving, Recording and Processing Ground Systems in the 1980'S.
N85-19493/4 **13**-*529,199* PC **A02**/MF **A01**

**NAS 1.26:174409**
Theory Versus Experiment for the Rotordynamic Coefficients of Annular Gas Seals. Part 1. Test Facility and Apparatus.
N85-19417/3 **13**-*529,420* PC **A03**/MF **A01**

**NAS 1.26:174410**
Material Growth and Characterization for Solid State Devices.
N85-19647/1 **13**-*530,309* PC **A02**/MF **A01**

**NAS 1.26:174411**
Creep-Rupture Behavior of Iron Superalloys in High-Pressure Hydrogen.
N85-19078/3 **13**-*529,497* PC **A03**/MF **A01**

**NAS 1.26:174412**
Determination of Corrections to Flow Direction Measurements Obtained with a Wing-Tip Mounted Sensor.
N85-18962/9 **13**-*528,290* PC **A05**/MF **A01**

**NAS 1.26:174413**
Theory Versus Experiment for the Rotordynamic Coefficients of Annular Gas Seals. Part 2. Constant Clearance and Convergent-Tapered Geometry.
N85-19416/5 **13**-*529,419* PC **A02**/MF **A01**

**NAS 1.26:174414**
Spectroscopic Study of LMC X-4.
N85-19905/7 **13**-*528,396* PC **A02**/MF **A01**

**NAS 1.26:174415**
X-Ray Bursts: Observation Versus Theory.
N85-19916/4 **13**-*528,403* PC **A02**/MF **A01**

**NAS 1.26:174416**
Solar Optical Telescope Primary Mirror Controller.
N85-19903/2 **13**-*529,203* PC **A06**/MF **A01**

**NAS 1.26:174432**
Research in Extreme Ultraviolet and Far Ultraviolet Astronomy.
N85-19902/4 **13**-*528,394* PC **A02**/MF **A01**

**NAS 1.26:174433**
Directivity of Bremsstrahlung Radiation from Relativistic Beams and the gamma-Rays from Solar Flares.
N85-19913/1 **13**-*528,401* PC **A03**/MF **A01**

**NAS 1.26:174434**
Rain Volume Estimation over Areas Using Satellite and Radar Data.
N85-19568/3 **13**-*528,449* PC **A02**/MF **A01**

**NAS 1.26:174435**
Development of High Efficiency Solar Cells on Silicon Web.
N85-19521/2 **13**-*529,397* PC **A03**/MF **A01**

**NAS 1.26:174436**
Operational Effectiveness of a Multiple Aquila Control System (MACS).
N85-19000/7 **13**-*528,321* PC **A04**/MF **A01**

**NAS 1.26:174437**
Development of a Microprocessor-Controlled Linearly-Actuated Valve Assembly.
N85-19415/7 **13**-*530,729* PC **A08**/MF **A01**

**NAS 1.26:174438**
Investigation of Welded Interconnection of Large Area Wraparound Contacted Silicon Solar Cells.
N85-19519/6 **13**-*529,396* PC **A03**/MF **A01**

**NAS 1.26:174439**
Feasiblity Study for a 34 Ghz (Ka Band) Gyroamplifier.
N85-19325/8 **13**-*529,249* PC **A08**/MF **A01**

**NAS 1.26:174440**
Preliminary Evaluation of the Airborne Imaging Spectrometer for Vegetation Analysis.
N85-19496/7 **13**-*529,823* PC **A03**/MF **A01**

**NAS 1.26:174442**
Solar Thermochemical Process Interface Study.
N85-19527/9 **13**-*529,348* PC **A06**/MF **A01**

**NAS 1.26:174445**
Development of a Polysilicon Process Based on Chemical Vapor Deposition of Dichlorosilane in an Advanced Siemen's Reactor.
N85-20532/6 **14**-*531,442* PC **A03**/MF **A01**

**NAS 1.26:174446**
Silicon Film Solar Cell Process.
N85-19514/7 **13**-*529,394* PC **A02**/MF **A01**

**NAS 1.26:174447**
Surface and Allied Studies in Silicon Solar Cells.
N85-20531/8 **14**-*531,798* PC **A02**/MF **A01**

**NAS 1.26:174448**
Efficient Structures for Geosynchronous Spacecraft Solar Arrays.
N85-19004/9 **13**-*530,719* PC **A03**/MF **A01**

**NAS 1.26:174449**
Analysis of Jovian Low Frequency Radio Emissions.
N85-19908/1 **13**-*528,397* PC **A02**/MF **A01**

**NAS 1.26:174450**
Intermediate Load Modules for Test and Evaluation: Flat-Plate Solar Array Project.
N85-19512/1 **13**-*529,393* PC **A02**/MF **A01**

**NAS 1.26:174537**
Flight-Service Program for Advanced Composite Rudders on Transport Aircraft.
N85-29950/1 **22**-*549,311* PC **A03**/MF **A01**

**NAS 1.26:174625**
Subsonic/Transonic Stall Flutter Investigation of a Rotating Rig.
N84-33417/6 **01**-*500,042* PC **A14**/MF **A01**

**NAS 1.26:174638**
Phosphoric Acid Fuel Cell Power Plant System Performance Model and Computer Program.
N85-11456/9 **04**-*509,325* PC **A07**/MF **A01**

**NAS 1.26:174655**
Advanced Onboard Storage Concepts for Natural Gas-Fueled Automotive Vehicles.
N84-34036/3 **01**-*502,711* PC **A07**/MF **A01**

**NAS 1.26:174657**
Analytical and Experimental Investigation of Rubbing Interaction in Labyrinth Seals for a Liquid Hydrogen Fuel Pump.
N85-18084/2 **12**-*528,270* PC **A09**/MF **A01**

**NAS 1.26:174662**
Satellite Provided Customer Promises Services, a Forecast of Potential Domestic Demand Through the Year 2000. Volume 4. Sensitivity Analysis.
N85-27092/4 **19**-*543,773* PC **A12**/MF **A01**

**NAS 1.26:174664**
Effects of Vane/Blade Ratio and Spacing on Fan Noise, Volume 1.
N85-19791/1 **13**-*530,681* PC **A08**/MF **A01**

**NAS 1.26:174665**
Effects of Vane/Blade Ratio and Spacing on Fan Noise. Volume 2: Data Supplement.
N85-19792/9 **13**-*530,682* PC **A16**/MF **A01**

**NAS 1.26:174673**
Characterization of 8-cm Engineering Model Thruster.
N85-11131/8 **04**-*510,425* PC **A05**/MF **A01**

**NAS 1.26:174685**
Identification of Quasi-Steady Compressor Characteristics from Transient Data.
N84-34444/9 **02**-*505,221* PC **A13**/MF **A01**

**NAS 1.26:174689**
Transformation Toughened Ceramics for the Heavy Duty Diesel Engine Technology Program.
N85-16698/1 **10**-*522,085* PC **A03**/MF **A01**

**NAS 1.26:174695**
Imide Modified Epoxy Matrix Resins.
N85-15892/1 **10**-*522,102* PC **A04**/MF **A01**

**NAS 1.26:174697**
Configuration Study for a 30 Ghz Monolithic Receive Array: Technical Assessment.
N85-18238/4 **12**-*526,970* PC **A03**/MF **A01**

**NAS 1.26:174697-V-1**
Configuration Study for a 30 Ghz Monolithic Receive Array. Volume 1.
N85-18239/2 **12**-*526,971* PC **A09**/MF **A01**

**NAS 1.26:174697-V-2**
Configuration Study for a 30 Ghz Monolithic Receive Array. Volume 2.
N85-18240/0 **12**-*526,972* PC **A16**/MF **A01**

**NAS 1.26:174700**
3-D Inelastic Analysis Methods for Hot Section Components (Base Program).
N85-21686/9 **14**-*532,848* PC **A08**/MF **A01**

**NAS 1.26:174701**
Energy Efficient Engine Flight Propulsion System Preliminary Analysis and Design Report.
N85-10947/8 **04**-*510,523* PC **A08**/MF **A01**

**NAS 1.26:174711**
High-Temperature Optically Activated GaAs Power Switching for Aircraft Digital Electronic Control.
N85-12901/3 **07**-*514,337* PC **A10**/MF **A01**

**NAS 1.26:174712**
Fiber Optic, Fabry-Perot High Temperature Sensor.
N85-13594/5 **07**-*515,232* PC **A03**/MF **A01**

**NAS 1.26:174715**
Ceramic Applications in Turbine Engines.
N85-28109/5 **20**-*545,461* PC **A12**/MF **A01**

**NAS 1.26:174716**
20 Ghz Solid State Transmitter Design, Impatt Diode Development and Reliability Assessment.
N84-33715/3 **01**-*502,091* PC **A22**/MF **A01**

**NAS 1.26:174720**
Manual of Phosphoric Acid Fuel Cell Power Plant Cost Model and Computer Program.
N84-34037/1 **01**-*501,470* PC **A03**/MF **A01**

**NAS 1.26:174721**
Manual of Phosphoric Acid Fuel Cell Power Plant Optimization Model and Computer Program.
N85-10445/3 **03**-*506,345* PC **A04**/MF **A01**

**NAS 1.26:174722**
Manual of Phosphoric Acid Fuel Cell Stack Three-Dimensional Model and Computer Program.
N85-10447/9 **03**-*506,346* PC **A04**/MF **A01**

**NAS 1.26:174728**
High Temperature Ceramic Interface Study.
N84-34331/8 **01**-*501,505* PC **A06**/MF **A01**

**NAS 1.26:174731**
Laser Balancing System for High Material Removal Rates.
N85-12341/2 **06**-*513,858* PC **A03**/MF **A01**

**NAS 1.26:174732**
Gas Cooled Fuel Cell Systems Technology Development.
N85-16291/5 **10**-*522,052* PC **A15**/MF **A01**

**NAS 1.26:174738**
Analytical Fuel Property Effects-Small Combustors.
N85-26709/4 **19**-*544,398* PC **A10**/MF **A01**

**NAS 1.26:174739**
High Temperature Low-Cycle Fatigue Mechanisms in Single Crystals of Nickel-Based Superalloy Mar-M 200.
N85-12130/9 **06**-*513,593* PC **A04**/MF **A01**

**NAS 1.26:174740**
Thermal-Mechanical Fatigue Crack Growth in Inconel X-750.
N85-15877/2 **10**-*522,131* PC **A02**/MF **A01**

**NAS 1.26:174745**
Ion Thruster System (8-cm) Cyclic Endurance Test.
N85-12937/7 **07**-*515,603* PC **A07**/MF **A01**

**NAS 1.26:174746**
Development of Gas-Lubricated Pistons for Heavy Duty Diesel Engine Technology Program.
N85-12808/0 **06**-*514,291* PC **A09**/MF **A01**

**NAS 1.26:174747**
Multi-Mesh Gear Dynamics Program Evaluation and Enhancements.
N85-28372/9 **20**-*545,900* PC **A07**/MF **A01**

**NAS 1.26:174750**
Development of a Multiplane Multispeed Balancing System for Turbine Systems.
N85-22400/4 **15**-*535,250* PC **A06**/MF **A01**

**NAS 1.26:174751**
Study of Advanced Fuel System Concepts for Commercial Aircraft.
N85-19978/4 **14**-*530,772* PC **A12**/MF **A01**

**NAS 1.26:174752**
Study of Advanced Fuel System Concepts for Commercial Aircraft and Engines.
N85-19176/5 **13**-*528,322* PC **A07**/MF **A01**

**NAS 1.26:174753**
Electrocatalysis of Fuel Cell Reactions: Investigation of Alternate Electrolytes.
N85-11455/1 **04**-*509,324* PC **A06**/MF **A01**

**NAS 1.26:174756**
Transient Oxidation of Single Crystal NiAl + Zr.
N85-11221/7 **04**-*509,428* PC **A11**/MF **A01**

**NAS 1.26:174757**
Reliability Considerations for the Total Strain Range Version of Strainrange Partitioning.
N85-11380/1 **04**-*509,434* PC **A05**/MF **A01**

**NAS 1.26:174762**
Effects of Cobalt, Boron, and Zirconium on the Microstructure of Udimet 738.
N85-10166/5 **03**-*506,439* PC **A05**/MF **A01**

**NAS 1.26:174763**
Radiative Resistojet Performance Characterization Tests.
N84-33462/2 **01**-*502,749* PC **A04**/MF **A01**

**NAS 1.26:174765**
Component-Specific Modeling.
N85-27261/5 **19**-*544,429* PC **A06**/MF **A01**

**NAS 1.26:174767**
Mechanical Behavior of Carbon-Carbon Composites.
N84-34575/0 **02**-*504,050* PC **A03**/MF **A01**

**NAS 1.26:174768**
Investigation of a Pulsed Electrothermal Thruster System.
N85-11132/6 **04**-*510,426* PC **A04**/MF **A01**

**NAS 1.26:174771**
Free-Piston Stirling Engine/Linear Alternator 1000-Hour Endurance Test.
N85-30481/4 **22**-*550,355* PC **A05**/MF **A01**

**NAS 1.26:174772**
High Frequency Plasma Generator for Ion Thrusters.
N85-17023/1 **11**-*525,678* PC **A04**/MF **A01**
High Frequency Plasma Generator for Ion Thrusters.
N85-25387/0 **18**-*541,923* PC **A04**/MF **A01**

**NAS 1.26:174774**
Stress Analysis of a Crack-Layer.
N84-34774/9 **02**-*505,082* PC **A05**/MF **A01**

**NAS 1.26:174775**
Advanced Nickel-Hydrogen Cell Configuration Study.
N85-10444/6 **03**-*506,358* PC **A04**/MF **A01**

**NAS 1.26:174776**
Error Reduction Program.
N85-27584/0 **19**-*544,336* PC **A11**/MF **A01**

**NAS 1.26:174778**
Chemistry of Fuel Deposits and Sediments and Their Precursors.
N85-10209/3 **03**-*507,835* PC **A03**/MF **A01**

**NAS 1.26:174779**
Effect of Tantalum and Carbon on the Structure/Properties of a Single Crystal Nickel-Base Superalloy.
N85-11223/3 **04**-*509,430* PC **A05**/MF **A01**

**NAS 1.26:174782**
Large-Scale Advanced Propfan (LAP) Performance, Acoustic and Weight Estimation, January, 1984.
N85-22368/3 **15**-*535,245* PC **A04**/MF **A01**

**NAS 1.26:174783**
Methods for Heat Transfer and Temperature Field Analysis of the Insulated Diesel.
N85-16699/9 **10**-*523,195* PC **A12**/MF **A01**

**NAS 1.26:174794**
Thermal-Stress Analysis for a Wood Composite Blade

N85-17421/7 **11**-*524,351* PC **A06**/MF **A01**

**NAS 1.26:174795**
30 Ghz Solid State Amplifier for Low Cost Low Data Rate Ground Terminals.
N85-12300/8 **06**-*513,472* PC **A09**/MF **A01**

**NAS 1.26:174796**
Analysis Techniques for Tracer Studies of Oxidation.
N85-12162/2 **06**-*513,604* PC **A07**/MF **A01**

**NAS 1.26:174801**
Engineering Model System Study for a Regenerative Fuel Cell: Study Report.
N85-16292/3 **10**-*522,053* PC **A05**/MF **A01**

**NAS 1.26:174802**
Regenerative Fuel Cell Energy Storage System for a Low Earth Orbit Space Station.
N85-13371/8 **07**-*514,945* PC **A07**/MF **A01**

**NAS 1.26:174803**
Breakway Friction and Dynamic Friction/Wear Measurements of Various Ceramic Materials from 25 C (75 F) to 650 C (1200 F).
N85-26994/2 **19**-*543,163* PC **A05**/MF **A01**

**NAS 1.26:174804**
Electric Utility Acid Fuel Cell Stack Technology Advancement.
N85-17422/5 **11**-*524,389* PC **A08**/MF **A01**

**NAS 1.26:174806**
Historical Overview of the Electrical Power Systems in the US Manned and Some US Unmanned Spacecraft.
N85-13910/3 **08**-*518,311* PC **A08**/MF **A01**

**NAS 1.26:174807**
Preliminary Evaluation of a Liquid Belt Radiator for Space Applications.
N85-15804/6 **10**-*522,241* PC **A09**/MF **A01**

**NAS 1.26:174809**
Advanced Gas Turbine (AGT) Powertrain System Development for Automotive Applications.
N85-18831/6 **12**-*527,388* PC **A04**/MF **A01**

**NAS 1.26:174810**
Ion Thruster Performance Model.
N85-12935/1 **07**-*515,602* PC **A07**/MF **A01**

**NAS 1.26:174812**
Stratified Charge Rotary Aircraft Engine Technology Enablement Program.
N85-21163/9 **14**-*532,852* PC **A06**/MF **A01**

**NAS 1.26:174816**
Arc-Driven Rail Gun Research.
N85-21662/0 **14**-*532,270* PC **A04**/MF **A01**

**NAS 1.26:174820**
Investigation of Enhanced Capability Thermal Barrier Coating Systems for Diesel Engine Components.
N85-18154/3 **12**-*527,074* PC **A07**/MF **A01**

**NAS 1.26:174829**
Behavior of Turbulent Gas Jets in an Axisymmetric Confinement.
N85-25265/8 **18**-*541,680* PC **A05**/MF **A01**

**NAS 1.26:174831**
Turbulent Transport and Length Scale Measurement Experiments with Confined Coaxial Jets.
N85-30245/3 **22**-*551,300* PC **A04**/MF **A01**

**NAS 1.26:174836**
Viscoplastic Constitutive Relationships with Dependence on Thermomechanical History.
N85-21691/9 **14**-*531,511* PC **A03**/MF **A01**

**NAS 1.26:174837**
Experimental Test Program for Evaluation of Solid Lubricant Coating as Applied to Compliant Foil Gas Bearings to 315 Deg C.
N85-15895/4 **10**-*522,158* PC **A04**/MF **A01**

**NAS 1.26:174838**
Structure of Dilute Combusting Sprays.
N85-15728/7 **10**-*522,224* PC **A06**/MF **A01**

**NAS 1.26:174839**
Research Study of Droplet Sizing Technology Leading to the Development of an Advanced Droplet Sizing System.
N85-21604/2 **14**-*532,268* PC **A05**/MF **A01**

**NAS 1.26:174840**
Jet Fuel Property Changes and Their Effect on Producibility and Cost in the U.S., Canada, and Europe.
N85-27012/2 **19**-*544,399* PC **A10**/MF **A01**

**NAS 1.26:174841**
Effect of Reduction of Strategic Columbium Addition in 718 Alloy on the Structure and Properties.
N85-21320/5 **14**-*531,874* PC **A09**/MF **A01**

**NAS 1.26:174847**
Effect of Tantalum on the Structure/Properties of Two Polycrystalline Nickel-Base Superalloys: B-1900 + HF Mar-M247.
N85-18127/9 **12**-*527,127* PC **A06**/MF **A01**

**NAS 1.26:174848**
Analytical Fuel Property Effects: Small Combustors. Phase 2.
N85-19175/7 **13**-*530,666* PC **A03**/MF **A01**

**NAS 1.26:174849**
Development of a Rotor Wake-Vortex Model, Volume 1.
N85-26668/2 **19**-*543,998* PC **A08**/MF **A01**

**NAS 1.26:174851**
Effects of Mar-M247 Substrate (Modified) Composition on Coating Oxidation Coating/Substrate Interdiffusion.
N85-19073/4 **13**-*529,493* PC **A07**/MF **A01**

**NAS 1.26:174852**
Study of Interdiffusion in beta + gamma/gamma + gamma Prime Ni-Cr-Al.
N85-20041/8 **14**-*531,869* PC **A09**/MF **A01**

**NAS 1.26:174855**
Some Advances in Experimentation Supporting Development of Viscoplastic Constitutive Models.
N85-27260/7 **19**-*544,272* PC **A04**/MF **A01**

**NAS 1.26:174857**
Design and Analysis Report for the RL10-2B Breadboard Low Thrust Engine.
N85-19020/5 **13**-*530,692* PC **A07**/MF **A01**

**NAS 1.26:174862**
Advanced Ion Thruster Research.
N85-19021/3 **13**-*530,578* PC **A04**/MF **A01**

**NAS 1.26:174863**
Deflected Jet Experiments in a Turbulent Combustor Flowfield.
N85-22390/7 **15**-*535,140* PC **A12**/MF **A01**

**NAS 1.26:174870**
Study of the Stress Wave Factor Technique for the Characterization of Composite Materials.
N85-30035/8 **22**-*550,409* PC **A06**/MF **A01**

**NAS 1.26:174872**
Translational and Extensional Energy Release Rates (The J- and M-Integrals) for a Crack Layer in Thermoelasticity.
N85-21685/1 **14**-*531,510* PC **A02**/MF **A01**

**NAS 1.26:174874**
Long-Life High Performance Fuel Cell Program.
N85-25384/7 **18**-*540,766* PC **A09**/MF **A01**

**NAS 1.26:174877**
Conceptual Design of a Fixed-Pitch Wind Turbine Generator System Rated at 400 Kilowatts.
N85-29363/7 **21**-*548,077* PC **A05**/MF **A01**

**NAS 1.26:174879**
Thermomechanical Testing in Support of Constitutive Equation Development for High Temperature Alloys.
N85-25894/5 **18**-*540,856* PC **A03**/MF **A01**

**NAS 1.26:174880**
Shock Tube Study of the Fuel Structure Effects on the Chemical Kinetic Mechanisms Responsible for Soot Formation, Part 2.
N85-25444/9 **18**-*541,918* PC **A08**/MF **A01**

**NAS 1.26:174885**
Interaction of Finite-Amplitude Sound with Air-Filled Porous Materials.
N85-27637/6 **19**-*543,976* PC **A09**/MF **A01**

**NAS 1.26:174887**
Develop and Test Fuel Cell Powered on-Site Integrated Total Energy Systems. Phase 3: Full-Scale Power Plant Development.
N85-25941/4 **18**-*540,771* PC **A02**/MF **A01**

**NAS 1.26:174888**
Dilution Jet Configurations in a Reverse Flow Combustor.
N85-22392/3 **15**-*535,141* PC **A10**/MF **A01**

**NAS 1.26:174893**
Sliding Seal Materials for Adiabatic Engines.
N85-22757/7 **15**-*535,255* PC **A04**/MF **A01**

**NAS 1.26:174896**
Development of a Temperature Measurement System with Application to a Jet in a Cross Flow Experiment.
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**NAS 1.26:174900**
Iron Rich Low Cost Superalloys.
N85-26962/9 **19**-*543,223* PC **A08**/MF **A01**

**NAS 1.26:174908**
Nonlinear Global Stability Analysis of Compressor Stall Phenomena.
N85-29960/0 **22**-*551,836* PC **A06**/MF **A01**

**NAS 1.26:174909**
Rolling, Slip and Traction Measurements on Low Modulus Materials.
N85-33491/0 **26**-*561,204* PC **A06**/MF **A01**

**NAS 1.26:174915**
Effects of Surface Chemistry on Hot Corrosion Life.
N85-26711/0 **19**-*543,168* PC **A03**/MF **A01**

**NAS 1.26:174916**
Predictions and Measurements of Isothermal Flowfields in Axisymmetric Combustor Geometries.
N85-27867/9 **20**-*547,025* PC **A08**/MF **A01**

**NAS 1.26:174917**
Confined Turbulent Swirling Recirculating Flow Predictions.
N85-26716/9 **19**-*544,003* PC **A11**/MF **A01**

**NAS 1.26:174918**
Turbulence Characteristics of Swirling Flowfields.
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Component-Specific Modeling.
N85-32119/8 **24**-*557,184* PC **A07**/MF **A01**

**NAS 1.26:174938**
Detailed Studies of Aviation Fuel Flowability.
N85-31308/8 **23**-*554,487* PC **A05**/MF **A01**

**NAS 1.26:174939**
Study of Second Order Upwind Differencing in a Recirculating Flow.
N85-30243/8 **22**-*551,298* PC **A03**/MF **A01**

**NAS 1.26:174940**
Results of an Interlaboratory Fatigue Test Program Conducted on Alloy 800H at Room and Elevated Temperatures.
N85-32340/0 **24**-*555,786* PC **A03**/MF **A01**

**NAS 1.26:174941**
Continuous Damage Model Based on Stepwise-Stress Creep Rupture Tests.
N85-32341/8 **24**-*556,991* PC **A02**/MF **A01**

**NAS 1.26:174948**
Development and Fabrication of a Solar Cell Junction Processing System.
N84-34024/9 **01**-*501,461* PC **A07**/MF **A01**

**NAS 1.26:174950**
Experimental Investigation of a Variable Speed Constant Frequency Electric Generating System from a Utility Perspective.
N85-32251/9 **24**-*555,681* PC **A04**/MF **A01**

**NAS 1.26:174953**
Convoluted Nozzle Design for the RL10 Derivative 2B Engine.
N85-29965/9 **22**-*551,840* PC **A06**/MF **A01**

**NAS 1.26:174954**
Velocity Visualization in Gaseous Flows.
N85-31445/8 **23**-*554,195* PC **A02**/MF **A01**

**NAS 1.26:174956**
Review of Path-Independent Integrals in Elastic-Plastic Fracture Mechanics, Task 4.
N85-33541/2 **26**-*561,904* PC **A03**/MF **A01**

**NAS 1.26:174957**
Elevated Temperature Crack Growth.
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**NAS 1.26:174969**
Sixty GHz Impatt Diode Development.
N85-33293/0 **26**-*560,661* PC **A09**/MF **A01**

**NAS 1.26:175127**
Reduction and Analysis of Data from the Plasma Wave Instruments on the IMP-6 and IMP-8 Spacecraft.
N85-12918/7 **07**-*514,405* PC **A03**/MF **A01**

**NAS 1.26:175157**
Analysis of Selective Chopper Radiometer Data.
N85-21894/9 **14**-*530,946* PC **A04**/MF **A01**

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Function Algorithms for MPP Scientific Subroutines, Volume 1.
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**NAS 1.26:175266**
Isotopic Composition of Primary Cosmic Rays H-Fe for ISEE-C.
N85-14783/3 **08**-*517,470* PC **A02**/MF **A01**

**NAS 1.26:175269**
Upper Atmosphere Research Satellite (UARS) Trade Analysis.
N85-15774/1 **10**-*523,216* PC **A05**/MF **A01**

**NAS 1.26:175271**
Performance Management System Enhancement and Maintenance.
N85-17564/4 **11**-*524,268* PC **A05**/MF **A01**

**NAS 1.26:175272**
Spacecraft System Study: A Study to Define the Impact of Laser Communication Systems on Their Host Spacecraft.
N85-16159/4 **10**-*522,573* PC **A12**/MF **A01**

**NAS 1.26:175273**
Capillary Pump Loop (CPL) Heat Pipe Development Status Report.
N85-17323/5 **11**-*525,837* PC **A02**/MF **A01**

**NAS 1.26:175274**
Recommended Improvements for Second Generation 121.5/243 Mhz ELT's.
N85-16841/7 **11**-*523,235* PC **A04**/MF **A01**

**NAS 1.26:175279**
Ultraviolet Spectrometer and Polarimeter (UVSP) Software Development and Hardware Tests for the Solar Maximum Mission.
N85-24271/7 **17**-*538,715* PC **A02**/MF **A01**

**NAS 1.26:175284**
Monolithic Short Wave Infrared (SWIR) Detector Array.
N85-21759/4 **14**-*532,273* PC **A08**/MF **A01**

**NAS 1.26:175285**
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N85-22044/0 **14**-*531,691* PC **A03**/MF **A01**

**NAS 1.26:175289**
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**NAS 1.26:175300**
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N85-10677/1 **03**-*507,871* PC **A17**/MF **A01**

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N85-32572/8 **24**-*554,681* PC **A03**/MF **A01**

**NAS 1.26:175302**
Design, Development, Testing, Fabrication, Calibration and Integration of a High Resolution Imager (HRI) for the Roentgen Satellite (ROSAT).
N85-33184/1 **26**-*560,088* PC **A02**/MF **A01**

**NAS 1.26:175305**
Stripe Filters on Multispectral Linear Arrays.
N85-32252/7 **24**-*555,590* PC **A06**/MF **A01**

**NAS 1.26:175306**
Isee-1 Data Reduction and Analysis Plasma Composition Experiment.
N85-32552/0 **24**-*554,679* PC **A05**/MF **A01**

**NAS 1.26:175319**
Strategy Planner for NASA Robotics Applications.
N85-33738/4 **26**-*560,696* PC **A04**/MF **A01**

**NAS 1.26:175320**
Vibroacoustic Study of the NASA Goddard Space Flight Center OSS-1 Payload.
N85-22465/7 **15**-*535,294* PC **A03**/MF **A01**

**NAS 1.26:175455**
Vegetation Analysis for Arid Lands Geobotany.
N85-19500/6 **13**-*528,691* PC **A03**/MF **A01**

**NAS 1.26:175456**
Tectonic Lineaments in the Cenozoic Volcanics of Southern Guatemala: Evidence for a Broad Continental Plate Boundary Zone.
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**NAS 1.26:175457**
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N85-19498/3 **13**-*529,047* PC **A02**/MF **A01**

**NAS 1.26:175459**
Stress-Strain Analysis of Silicon Ribbon.
N85-19525/3 **13**-*529,400* PC **A02**/MF **A01**

**NAS 1.26:175460**
MOD(Metallo-Organic Decomposition) Silver Metallization for Photovoltaics.
N85-19526/1 **13**-*529,742* PC **A03**/MF **A01**

**NAS 1.26:175461**
Process Research on Polycrystalline Silicon Material (PROPSM).
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**NAS 1.26:175462**
Three Dimensional Ray Tracing of the Jovian Magnetosphere in the Low Frequency Range.
N85-19909/9 **13**-*528,398* PC **A05**/MF **A01**

**NAS 1.26:175466**
Development of a New Class of Chemical and Biological Ultrasensors: Ribonuclease Contamination and Control.
N85-20296/8 **14**-*532,261* PC **A02**/MF **A01**

**NAS 1.26:175468**
Surface and Allied Studies in Silicon Solar Cells.
N85-19516/2 **13**-*529,395* PC **A04**/MF **A01**

**NAS 1.26:175469**
Investigation of Accelerated Stress Factors and Failure/Degradation Mechanisms in Terrestrial Solar Cells.
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**NAS 1.26:175470**
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N85-20244/8 **14**-*531,716* PC **A02**/MF **A01**

**NAS 1.26:175472**
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N85-22337/8 **14**-*530,888* PC **A02**/MF **A01**

**NAS 1.26:175473**
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N85-19640/0 **13**-*528,651* PC **A05**/MF **A01**

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N85-19856/2 **13**-*530,555* PC **A04**/MF **A01**

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**NAS 1.26:175494**
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Concatenated Coding Scheme for Error Control.
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**NAS 1.26:175505**
Development of High Resolution Imaging Detectors for X-Ray Astronomy.
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**NAS 1.26:175506**
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**NAS 1.26:175507**
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**NAS 1.26:175513**
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**NAS 1.26:175514**
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**NAS 1.26:175515**
Composite Structural Materials.
N85-21268/6 **14**-*530,779* PC **A08**/MF **A01**

**NAS 1.26:175517**
JPL Highlights.
N85-21102/7 **14**-*530,985* PC **A05**/MF **A01**

**NAS 1.26:175518**
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Evaluation of Satellite Derived Estimates of Solar Radiation.
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N85-23213/0 **15**-*532,948* PC **A11**/MF **A01**

**NAS 1.26:175524**
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**NAS 1.26:175525**
Remote Sensing Research for Agricultural Applications.
N85-21752/9 **14**-*530,833* PC **A04**/MF **A01**

**NAS 1.26:175526**
Oceanographic and Meteorological Research Based on the Data Products of Seasat.
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**NAS 1.26:175528**
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**NAS 1.26:175529**
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**NAS 1.26:175551**
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N85-23096/9 **15**-*535,089* PC **A02**/MF **A01**

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**NAS 1.26:175567**
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**NAS 1.26:175589**
Stress Intensity Factor in a Tapered Specimen.
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Clamped Rectangular Plate Containing a Crack.
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Elasticity Solution of an Adhesively Bonded Joint.
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Participation in the Mars Data Analysis Program: Analysis of Cloud Forms in Viking and Mariner 9 Images.
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Structural Response of a Rotating Bladed Disk to Rotor Whirl.
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**NAS 1.26:175614**
Improving the Geological Interpretation of Magnetic and Gravity Satellite Anomalies.
N85-31585/1 **23**-*552,652* PC **A04**/MF **A01**

**NAS 1.26:175615**
MAGSAT Anomaly Field Data of the Crustal Properties of Australia.
N85-23215/5 **15**-*533,766* PC **A05**/MF **A01**

**NAS 1.26:175616**
Analysis of the Inflow Layer and Air-Sea Interactions in Hurricane Frederic (1979).
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**NAS 1.26:175617**
Crustal Dynamics Studies in China.
N85-23265/0 **15**-*533,690* PC **A04**/MF **A01**

**NAS 1.26:175618**
Research in Planetary Studies and Operation of Mauna Kea Observatory.
N85-23460/7 **15**-*532,961* PC **A04**/MF **A01**

**NAS 1.26:175619**
Raman Structural Studies of the Nickel Electrode.
N85-23414/4 **15**-*533,583* PC **A03**/MF **A01**

**NAS 1.26:175620**
Simple Theoretical Models for Composite Rotor Blades.
N85-22382/4 **15**-*532,921* PC **A03**/MF **A01**

**NAS 1.26:175621**
Geographic Variation in the Relationships of Temperature, Salinity or sigma sub T Versus Plant Nutrient Concentrations in the World Ocean.
N85-23287/4 **15**-*533,655* PC **A04**/MF **A01**

**NAS 1.26:175622**
Normal Incidence, High Resolution X-Ray Telescope for Solar Coronal Observations.
N85-23461/5 **15**-*532,971* PC **A04**/MF **A01**

**NAS 1.26:175623**
Solar and Stellar Coronal Plasmas.
N85-23676/8 **15**-*532,977* PC **A06**/MF **A01**

**NAS 1.26:175624**
Calculation of Vortex-Flap Aerodynamic Characteristics.
N85-22367/5 **15**-*532,907* PC **A02**/MF **A01**

**NAS 1.26:175625**
Study of the Effects of Implantation on the High Fe-Ni-Cr and Ni-Cr-Al Alloys.
N85-22661/1 **15**-*534,033* PC **A03**/MF **A01**

**NAS 1.26:175626**
Innovative Research in the Design and Operation of Large Telescopes for Space: Aspects of Giant Telescopes in Space.
N85-23462/3 **15**-*532,962* PC **A02**/MF **A01**

**NAS 1.26:175627**
Percutaneous Connectors.
N85-27508/9 **19**-*542,510* PC **A03**/MF **A01**

**NAS 1.26:175628**
Empirical and Modeled Synoptic Cloud Climatology of the Arctic Ocean.
N85-23272/6 **15**-*533,006* PC **A02**/MF **A01**

**NAS 1.26:175629**
Periodic Substorm Activity in the Geomagnetic Tail.
N85-23409/4 **15**-*532,989* PC **A03**/MF **A01**

**NAS 1.26:175630**
Technology and Economics, Inc. Technology Application Team.
N85-23454/0 **15**-*533,034* PC **A03**/MF **A01**

**NAS 1.26:175631**
Viking Radio Science Data Analysis and Synthesis.
N85-23471/4 **15**-*532,974* PC **A02**/MF **A01**

**NAS 1.26:175632**
Physics of the Inner Heliosphere: Mechanisms, Models and Observational Signatures.
N85-23677/6 **15**-*532,978* PC **A02**/MF **A01**

**NAS 1.26:175636**
Investigation of the Daytime Lunar Atmosphere.
N85-25057/9 **17**-*537,129* PC **A03**/MF **A01**

**NAS 1.26:175637**
Alterations in Gut Transport of Minerals and in Binding Proteins During Simulated Weightlessness.
N85-24709/6 **17**-*537,581* PC **A02**/MF **A01**

**NAS 1.26:175638**
Numberical Simulation of the Effects of Radially Injected Barium Plasma in the Ionosphere.
N85-24542/1 **17**-*537,150* PC **A02**/MF **A01**

**NAS 1.26:175639**
Science Opportunities Using the NASA Scatterometer on N-Ross.
N85-23222/1 **15**-*533,004* PC **A03**/MF **A01**

**NAS 1.26:175640**
Observation Model and Parameter Partials for the JPL VLBI Parameter Estimation Software Masterfit-F 2.0.
N85-24509/0 **17**-*537,779* PC **A04**/MF **A01**

**NAS 1.26:175641**
Flowcharting with D-Charts.
N85-24806/0 **17**-*537,948* PC **A03**/MF **A01**

**NAS 1.26:175642**
Characterization of Terrestrial Solar Cells for Space Applications: Electrical Characteristics of Thin Westinghouse Dendritic Web Cells as a Function of Solar Intensity, Temperature, and Incidence Angle.
N85-24516/5 **17**-*538,155* PC **A04**/MF **A01**

**NAS 1.26:175643**
New High-Efficiency Silicon Solar Cells.
N85-23244/5 **15**-*533,918* PC **A03**/MF **A01**

**NAS 1.26:175644**
Spaceborne Power Systems Preference Analyses. Volume 1: Summary.
N85-24517/3 **17**-*539,226* PC **A02**/MF **A01**

**NAS 1.26:175645**
Spaceborne Power Systems Preference Analyses. Volume 2: Decision Analysis.
N85-24518/1 **17**-*539,227* PC **A08**/MF **A01**

**NAS 1.26:175646**
Large Amplitude Forcing of a High Speed 2-Dimensional Jet.
N85-22393/1 **15**-*535,248* PC **A03**/MF **A01**

**NAS 1.26:175647**
Microwave Blackbodies for Spaceborne Receivers.
N85-23068/8 **15**-*535,301* PC **A03**/MF **A01**

**NAS 1.26:175648**
Comparison of Metropolitan and Non-Metropolitan Employment Characteristics: Indications of the Size of Non-Metropolitan Mobile Communication Services User Classes.
N85-22855/9 **15**-*533,183* PC **A06**/MF **A01**

**NAS 1.26:175649**
Periodic Binary Sequence Generators: VLSI Circuits Considerations.
N85-22886/4 **15**-*533,832* PC **A09**/MF **A01**

**NAS 1.26:175650**
Development of an Organic Rankine-Cycle Power Module for a Small Community Solar Thermal Power Experiment.
N85-24523/1 **17**-*538,158* PC **A07**/MF **A01**

**NAS 1.26:175651**
Development and Testing of Parabolic Dish Concentrator No. 1.
N85-24522/3 **17**-*538,087* PC **A03**/MF **A01**

**NAS 1.26:175652**
System-Level Mathematical Model for Evaluation of Power Train Performance of Load-Leveled Electric-Vehicles.
N85-25009/0 **17**-*538,606* PC **A03**/MF **A01**

**NAS 1.26:175654**
Silicon-Sheet and Thin-Film Cell and Module Technology Potential: Issue Study.
N85-24520/7 **17**-*538,157* PC **A07**/MF **A01**

**NAS 1.26:175655**
Multimission Image Processing Laboratory's Virtual Frame Buffer Interface.
N85-24805/2 **17**-*537,947* PC **A05**/MF **A01**

**NAS 1.26:175656**
Shuttle Payload Bay Dynamic Environments: Summary and Conclusion Report for STS Flights 1-5 and 9.
N85-23896/2 **17**-*539,634* PC **A08**/MF **A01**

**NAS 1.26:175657**
Fracture Mechanics Evaluation of GaAs.
N85-23101/7 **15**-*535,122* PC **A04**/MF **A01**

**NAS 1.26:175658**
Alternate Nozzle Ablative Materials Program.
N85-23924/2 **17**-*539,628* PC **A10**/MF **A01**

**NAS 1.26:175659**
Report on Final Recommendations for IMPS Engineering-Science Payload.
N85-22464/0 **15**-*535,293* PC **A06**/MF **A01**

**NAS 1.26:175660**
Cometary Astrometry.
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Solar Seismology from Space. A Conference at Snowmass, Colorado.
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**NAS 1.26:175663**
Measurement of Damping of Graphite Epoxy Materials.
N85-23931/7 **17**-*538,209* PC **A02**/MF **A01**

**NAS 1.26:175664**
Slam II Simulation Model for Analyzing Space Station Mission Processing Requirements.
N85-26853/0 **19**-*544,428* PC **A06**/MF **A01**

**NAS 1.26:175665**
Geometric Error Analysis for Shuttle Imaging Spectrometer Experiment.
N85-24269/1 **17**-*538,714* PC **A08**/MF **A01**

**NAS 1.26:175666**
Cosmic Ray Environment Model for Earth Orbit.
N85-25165/0 **17**-*537,153* PC **A04**/MF **A01**

**NAS 1.26:175667**
FH/MFSK Performance in Multitone Jamming.
N85-24197/4 **17**-*538,802* PC **A04**/MF **A01**

**NAS 1.26:175669**
Sensitivities of Projected 1980 Photovoltaic System Costs to Major System Cost Drivers.
N85-24519/9 **17**-*538,156* PC **A05**/MF **A01**

**NAS 1.26:175670**
Structure of Separated Flow Regions Occurring Near the Leading Edge of Airfoils, Including Transition.
N85-23703/0 **17**-*537,002* PC **A03**/MF **A01**

**NAS 1.26:175673**
Extended Atmospheres of Outer Planet Satellites and Comets.
N85-25058/7 **17**-*537,130* PC **A02**/MF **A01**

**NAS 1.26:175674**
Research Program in Active Control/Aeroelasticity.
N85-23752/7 **17**-*537,033* PC **A02**/MF **A01**

**NAS 1.26:175675**
Plasma and Magnetospheric Research.
N85-24543/9 **17**-*537,151* PC **A02**/MF **A01**

**NAS 1.26:175676**
Investigations Carried out under the Director's Discretionary Fund.
N85-24999/3 **17**-*537,184* PC **A09**/MF **A01**

**NAS 1.26:175677**
Capture of Liquid Hydrogen Boiloff with Metal Hydride Absorbers.
N85-23939/0 **17**-*537,696* PC **A05**/MF **A01**

**NAS 1.26:175678**
Radiation Effects Induced in PIN Photodiodes by 40- and 85-Mev Protons.
N85-24960/5 **17**-*537,897* PC **A03**/MF **A01**

**NAS 1.26:175679**
Development of Global Model for Atmospheric Backscatter at CO2 Wavelengths.
N85-25971/1 **18**-*539,769* PC **A18**/MF **A01**

**NAS 1.26:175681**
Heavy Doping Effects in High Efficiency Silicon Solar Cells.
N85-25940/6 **18**-*540,770* PC **A03**/MF **A01**

**NAS 1.26:175682**
NASA Welding Assessment Program.
N85-25844/0 **18**-*541.250* PC **A03**/MF **A01**

**NAS 1.26:175683**
NASA Welding Assessment Program.
N85-25845/7 **18**-*541,251* PC **A03**/MF **A01**

**NAS 1.26:175684**
Development of Advanced Thermoelectric Materials.
N85-24532/2 **17**-*539,228* PC **A04**/MF **A01**

**NAS 1.26:175685**
JESS Facility Modification and Environmental/Power Plans.
N85-23807/9 **17**-*538,709* PC **A03**/MF **A01**

**NAS 1.26:175687**
Heavy Doping Effects in High Efficiency Silicon Solar Cells.
N85-25937/2 **18**-*540,769* PC **A02**/MF **A01**

**NAS 1.26:175688**
Stress and Efficiency Studies.
N85-24531/4 **17**-*537,614* PC **A03**/MF **A01**

**NAS 1.26:175689**
Module Performance and Failure Analysis Area: Flat-Plate Solar Array Project.
N85-25936/4 **18**-*540,768* PC **A03**/MF **A01**

**NAS 1.26:175690**
Modelling of Photodegradation in Solar Cell Modules of Substrate and Superstrate Design Made with Ethylene-Vinyl Acetate as Pottant Material.
N85-24527/2 **17**-*538,088* PC **A04**/MF **A01**

**NAS 1.26:175691**
Oxygen-Hydrogen Thrusters for Space Station Auxiliary Propulsion Systems.
N85-25383/9 **18**-*542.031* PC **A06**/MF **A01**

**NAS 1.26:175692**
Lunar and Planetary Science Conference (16th) Press Abstracts.
N85-26548/6 **18**-*539,752* PC **A05**/MF **A01**

**NAS 1.26:175693**
Investigation of Silicon Surface Passivation by Silicon Nitride Film Deposition.
N85-25938/0 **18**-*541,252* PC **A04**/MF **A01**

**NAS 1.26:175694**
Application of the HARDMAN Methodology to the Single Channel Ground-Airborne Radio System (SINCGARS).
N85-23756/8 **17**-*538,786* PC **A14**/MF **A01**

**NAS 1.26:175695**
Design, Fabrication and Testing of a Multibeam Forming Network.
N85-24228/7 **17**-*538,013* PC **A03**/MF **A01**

**NAS 1.26:175696**
Test Results of an Organic Rankine-Cycle Power Module for a Small Community Solar Thermal Power Experiment.
N85-24524/9 **17**-*538,159* PC **A07**/MF **A01**

**NAS 1.26:175697**
Intermediate Load Modules for Test and Evaluation.
N85-24526/4 **17**-*538,160* PC **A03**/MF **A01**

**NAS 1.26:175698**
Solid/Melt Interface Studies of High-Speed Silicon Sheet Growth.
N85-24525/6 **17**-*537,613* PC **A03**/MF **A01**

**NAS 1.26:175699**
Electrical Research on Solar Cells and Photovoltaic Materials.
N85-25935/6 **18**-*540,767* PC **A05**/MF **A01**

**NAS 1.26:175700**
Pulsed Excimer Laser Processing for Cost-Effective Solar Cells.
N85-24530/6 **17**-*538,161* PC **A03**/MF **A01**

**NAS 1.26:175703**
Compensator Development and Examination of Performance and Robustness.
N85-25678/2 **18**-*540,658* PC **A03**/MF **A01**

**NAS 1.26:175704**
Variational Mesoscale Satellite Data Assimilation and Initialization.
N85-24680/9 **17**-*537,158* PC **A04**/MF **A01**

**NAS 1.26:175705**
Research in the Design of High-Performance Reconfigurable Systems.
N85-26153/5 **18**-*540,663* PC **A04**/MF **A01**

**NAS 1.26:175706**
Sea Surface Temperatures from VAS MSI Data.
N85-24689/0 **17**-*537,855* PC **A02**/MF **A01**

**NAS 1.26:175708**
Feinheit Method: A Phase-Independent Formulation of the Period-Luminosity Relation for Cephids.
N85-25056/1 **17**-*537,128* PC **A02**/MF **A01**

**NAS 1.26:175709**
Structure of Galactic HI in Directions of Low Total Column Density.
N85-27785/3 **19**-*542,210* PC **A04**/MF **A01**

**NAS 1.26:175710**
Design of a Variable-Focal-Length Optical System.
N85-26349/9 **18**-*541,704* PC **A05**/MF **A01**

**NAS 1.26:175711**
Analysis of the Gran Desierto, Pinacte Region, Sonora, Mexico, Via Shuttle Imaging Radar.
N85-25927/3 **18**-*540,469* PC **A06**/MF **A01**

**NAS 1.26:175712**
Shuttle Imaging Radar-B (SIR-B) Data Analysis for Identifying Rainfall Event Occurrence and Intensity.
N85-25986/9 **18**-*539,801* PC **A02**/MF **A01**

**NAS 1.26:175713**
Source of Stratospheric NO and N2O.
N85-25956/2 **18**-*539,767* PC **A03**/MF **A01**

**NAS 1.26:175714**
Operation and Maintenance Requirements of the Army Remotely Piloted Vehicle (RPV).
N85-23755/0 **17**-*537,025* PC **A10**/MF **A01**

**NAS 1.26:175715**
High Pressure Cosmochemistry Applied to Major Planetary Interiors: Experimental Studies.
N85-26544/5 **18**-*539,748* PC **A02**/MF **A01**

**NAS 1.26:175716**
Is Fast Fiber Innervation Responsible for Increased Acetylcholinesterase Activity in Reinnervating Soleus Muscles.
N85-26108/9 **18**-*540.008* PC **A02**/MF **A01**

**NAS 1.26:175717**
Use and Disuse and the Control of Acetylcholinesterase Activity in Fast and Slow Twitch Muscle of Rat.
N85-26109/7 **18**-*540,191* PC **A02**/MF **A01**

**NAS 1.26:175718**
Changes in the Cholinergic System of Rat Sciatic Nerve and Skeletal Muscle Following Suspension Induced Disuse.
N85-26111/3 **18**-*540,010* PC **A02**/MF **A01**

**NAS 1.26:175719**
Differential Effect of Denervation on Free Radical Scavenging Enzymes in Slow and Fast Muscle of Rat.
N85-26110/5 **18**-*540.009* PC **A02**/MF **A01**

**NAS 1.26:175720**
IRAS Observations of Active Galaxies.
N85-26463/8 **18**-*539,745* PC **A02**/MF **A01**

**NAS 1.26:175721**
Kinetic Energies of Fragment Ions Produced by Dissociative Photoionization of NO.
N85-26327/5 **18**-*539,775* PC **A02**/MF **A01**

**NAS 1.26:175722**
Martian Climate: Energy Balance Models with CO2/H2O Atmospheres.
N85-26547/8 **18**-*539,751* PC **A02**/MF **A01**

**NAS 1.26:175723**
Jupiter/Voyager Data Analysis.
N85-26545/2 **18**-*539,749* PC **A02**/MF **A01**

**NAS 1.26:175724**
Development of a Global 3-D Magnetohydrodynamic Computational Model for Solar Wind/Cometary and Planetary Studies.
N85-26577/5 **18**-*539,753* PC **A02**/MF **A01**

**NAS 1.26:175725**
Application of Infrared Radiometers for Airborne Detection of Clear Air Turbulence and Low Level Wind Shear. Airborne Infrared Low Level Wind Shear Detection Test.
N85-25985/1 **18**-*539.800* PC **A03**/MF **A01**

**NAS 1.26:175732**
Trade-off Between Land Vehicle Antenna Cost and Gain for Satellite Mobile Communications.
N85-25681/6 **18**-*541,401* PC **A09**/MF **A01**

**NAS 1.26:175733**
Propagation Considerations in Land Mobile Satellite Transmission.
N85-25684/0 **18**-*541,404* PC **A03**/MF **A01**

**NAS 1.26:175734**
Land Mobile Satellite Transmission Measurements at 869 MHz: Selected Results from the Dedicated Stratospheric Balloon Experiment of November 12 and 13, 1984.
N85-25685/7 **18**-*541,405* PC **A03**/MF **A01**

**NAS 1.26:175735**
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N85-25682/4 **18**-*541,402* PC **A06**/MF **A01**

**NAS 1.26:175736**
Mobile Antenna and Beam Pointing Studies for Satellite Mobile Communications.
N85-25679/0 **18**-*541,400* PC **A04**/MF **A01**

**NAS 1.26:175737**
Fundamental Studies of Structure Borne Noise for Advanced Turboprop Applications.
N85-26320/0 **18**-*539,680* PC **A02**/MF **A01**

**NAS 1.26:175738**
Accuracy of Approximate Solutions in the Analysis of Fracture of Composites.
N85-25437/3 **18**-*540,821* PC **A02**/MF **A01**

**NAS 1.26:175739**
Multi-Access Fiber Optic Data Bus Using FDM/Fsk.
N85-26152/7 **18**-*540,622* PC **A02**/MF **A01**

**NAS 1.26:175740**
Measurement Results from a Balloon Experiment Simulating Land Mobile Satellite Transmissions.
N85-25683/2 **18**-*541,403* PC **A04**/MF **A01**

**NAS 1.26:175741**
Study of High Performance Alloy Electroforming.
N85-25473/8 **18**-*541,248* PC **A02**/MF **A01**

**NAS 1.26:175743**
Analysis of the Electromagnetic Scattering from an Inlet Geometry with Lossy Walls.
N85-25686/5 **18**-*541,901* PC **A05**/MF **A01**

**NAS 1.26:175745**
Study of the Generation Mechanisms of High Latitude and Equatorial F-Region Irregularities Using de-2 Data.
N85-27423/1 **19**-*542,231* PC **A03**/MF **A01**

**NAS 1.26:175746**
Technical Development to Improve Satellite Sounding over Radiatively Complex Terrain.

N85-25929/9 **18**-*540,620* PC **A05**/MF **A01**

**NAS 1.26:175747**
Analysis of Shell Type Structures Subjected to Time Dependent Mechanical and Thermal Loading.
N85-25896/0 **18**-*541,871* PC **A02**/MF **A01**

**NAS 1.26:175748**
Molecular Spectroscopy from the Kuiper Airborne Observatory.
N85-27783/8 **19**-*542,208* PC **A02**/MF **A01**

**NAS 1.26:175749**
Earth Longwave Radiation Climate Model.
N85-25984/4 **18**-*539,774* PC **A09**/MF **A01**

**NAS 1.26:175750**
Fracture Surface Analysis in Composite and Titanium Bonding: Part 1: Titanium Bonding.
N85-25434/0 **18**-*541,220* PC **A06**/MF **A01**

**NAS 1.26:175751**
Basic Research for the Geodynamics Program.
N85-27424/9 **19**-*542,924* PC **A02**/MF **A01**

**NAS 1.26:175752**
Crack Growth Direction in Unidirectional off-Axis Graphite Epoxy.
N85-25433/2 **18**-*540,820* PC **A03**/MF **A01**

**NAS 1.26:175753**
Studies on the Interference of Wings and Propeller Slipstreams.
N85-25210/4 **18**-*539,654* PC **A06**/MF **A01**

**NAS 1.26:175754**
Development of Robots and Application to Industrial Processes.
N85-25840/8 **18**-*541,273* PC **A03**/MF **A01**

**NAS 1.26:175755**
Numerical Solutions of 3-Dimensional Navier-Stokes Equations for Closed Bluff-Bodies.
N85-26255/8 **18**-*541,687* PC **A02**/MF **A01**

**NAS 1.26:175756**
Experimental and Analytical Investigation of Fan Flow Interaction with Downstream Struts.
N85-25201/3 **18**-*541,678* PC **A03**/MF **A01**

**NAS 1.26:175761**
Process Research on Polycrystalline Silicon Material (PROPSM).
N85-25951/3 **18**-*540,772* PC **A03**/MF **A01**

**NAS 1.26:175762**
Monodeuterated Methane in the Outer Solar System. 2. Its Detection on Uranus at 1.6 Micrometers.
N85-27782/0 **19**-*542,207* PC **A03**/MF **A01**

**NAS 1.26:175763**
Spectral Reflectance of Carbonate Minerals and Rocks in the Visible and Near Infrared (0.35 - 2.55 Micrometers) and Its Applications in Carbonate Petrology.
N85-25973/7 **18**-*540,470* PC **A12**/MF **A01**

**NAS 1.26:175764**
Meteorological Factors in Earth-Satellite Propagation.
N85-27089/0 **19**-*544,318* PC **A04**/MF **A01**

**NAS 1.26:175765**
Study of Structural Concepts for Ultralightweight Spacecraft.
N85-26848/0 **19**-*544,455* PC **A05**/MF **A01**

**NAS 1.26:175766**
Simulation Studies for Surfaces and Materials Strength.
N85-27262/3 **19**-*543,982* PC **A04**/MF **A01**

**NAS 1.26:175767**
Soft X-Ray Background as a Supernova Blast Wave Viewed from inside: Solar Abundance Models.
N85-27813/3 **19**-*542,212* PC **A03**/MF **A01**

**NAS 1.26:175768**
Uniformly High-Order Accurate Non-Oscillatory Schemes, 1.
N85-27589/9 **19**-*543,274* PC **A04**/MF **A01**

**NAS 1.26:175770**
Homogeneous Processes of Atmospheric Interest.
N85-28475/0 **20**-*544,587* PC **A09**/MF **A01**

**NAS 1.26:175771**
Study of Topologies and Protocols for Fiber Optic Local Area Networks.
N85-27669/9 **19**-*543,775* PC **A10**/MF **A01**

**NAS 1.26:175772**
Manufacturing Cost Analysis of a Parabolic Dish Concentrator (General Electric Design) for Solar Thermal Electric Power Systems in Selected Production Volumes.
N85-27380/3 **19**-*543,137* PC **A03**/MF **A01**

**NAS 1.26:175774**
Spacecraft Configuration Study for Second Generation Mobile Satellite System.
N85-26849/8 **19**-*544,456* PC **A06**/MF **A01**

**NAS 1.26:175775**
In Plane Stress Analysis.
N85-27259/9 **19**-*544,296* PC **A02**/MF **A01**

**NAS 1.26:175776**
Development of a Persistent Chemical Agent Simulator System (PCASS).
N85-26938/9 **19**-*543,725* PC **A02**/MF **A01**

**NAS 1.26:175778**
Studies on the Processing Methods for Extraterrestrial Materials.
N85-26768/0 **19**-*544,427* PC **A02**/MF **A01**

**NAS 1.26:175780**
Development of a Persistent Chemical Agent Simulation System.
N85-26937/1 **19**-*543,724* PC **A03**/MF **A01**

**NAS 1.26:175781**
Cost Prediction Model for Various Payloads and Instruments for the Space Shuttle Orbiter.
N85-26842/3 **19**-*544,451* PC **A03**/MF **A01**

**NAS 1.26:175782**
Conducting a Wind Sensing Study.
N85-27465/2 **19**-*542,266* PC **A03**/MF **A01**

**NAS 1.26:175783**
Problem of Atmospheric Turbulence.
N85-27464/5 **19**-*542,240* PC **A03**/MF **A01**

**NAS 1.26:175784**
Automated CPX Support System Preliminary Design Phase.
N85-27091/6 **19**-*543,755* PC **A11**/MF **A01**

**NAS 1.26:175785**
Shuttle Imaging Radar-A (SIR-A) Data Analysis.
N85-27324/1 **19**-*543,792* PC **A02**/MF **A01**

**NAS 1.26:175786**
Consultative Committee for Space Data Systems. Panel 1 Support.
N85-27090/8 **19**-*543,772* PC **A04**/MF **A01**

**NAS 1.26:175787**
Acoustic Propagation in a Thermally Stratified Atmosphere.
N85-27636/8 **19**-*543,975* PC **A11**/MF **A01**

**NAS 1.26:175788**
Investigation to Optimize the Passive Shock Wave/Boundary Layer Control for Supercritical Airfoil Drag Reduction.
N85-26665/8 **19**-*542,067* PC **A03**/MF **A01**

**NAS 1.26:175789**
Wave Dynamics and Transport in the Stratosphere.
N85-27413/2 **19**-*542,228* PC **A02**/MF **A01**

**NAS 1.26:175790**
Identification and Control of Structures in Space.
N85-26850/6 **19**-*544,457* PC **A02**/MF **A01**

**NAS 1.26:175791**
Summer High School Apprenticeship Research Program (SHARP) of the National Aeronautics and Space Administration.
N85-28849/6 **20**-*544,719* PC **A03**/MF **A01**

**NAS 1.26:175792**
Conducting a Thermal Conductivity Survey.
N85-27166/6 **19**-*544,295* PC **A03**/MF **A01**

**NAS 1.26:175793**
Measurement of Damping of Graphite Expoxy Materials.
N85-26925/6 **19**-*543,190* PC **A02**/MF **A01**

**NAS 1.26:175794**
Hardware Test Program for Evaluation of Baseline Range-Range Rate Sensor Concept.
N85-27193/0 **19**-*543,687* PC **A02**/MF **A01**

**NAS 1.26:175795**
Elevated Temperature Biaxial Fatigue.
N85-27263/1 **19**-*543,229* PC **A08**/MF **A01**

**NAS 1.26:175796**
Altimetry Data and the Elastic Stress Tensor of Subduction Zones.
N85-27425/6 **19**-*542,925* PC **A02**/MF **A01**

**NAS 1.26:175797**
Stress Analysis of the Space Telescope Focal Plane Structure Joint.
N85-27284/7 **19**-*542,200* PC **A02**/MF **A01**

**NAS 1.26:175798**
Ink Jet Printing of Silver Metallization for Photovoltaics.
N85-25943/0 **18**-*541,253* PC **A08**/MF **A01**

**NAS 1.26:175801**
Theoretical Studies of Solar-Pumped Lasers.
N85-27206/0 **19**-*544,022* PC **A02**/MF **A01**

**NAS 1.26:175802**
Method for Simulating 3-D Aircraft Flow Fields with Jet Plume Effects.
N85-26664/1 **19**-*542,066* PC **A02**/MF **A01**

**NAS 1.26:175803**
Fast Hidden Line Algorithm with Contour Option.
N85-27582/4 **19**-*543,049* PC **A06**/MF **A01**

**NAS 1.26:175804**
Identification and Properties of Molecular Systems of Potential Use in Solar-Pumped Lasers.
N85-27207/8 **19**-*544,023* PC **A02**/MF **A01**

**NAS 1.26:175805**
Relation between Upwind-Differencing Schemes of Godunov, Engquist-Osher and Roe.
N85-27583/2 **19**-*544,015* PC **A03**/MF **A01**

**NAS 1.26:175806**
Space Station Engineering and Technology Development.
N85-26851/4 **19**-*544,458* PC **A07**/MF **A01**

**NAS 1.26:175808**
Research Opportunities in Loss of Red Blood Cell Mass in Space Flight.
N85-27517/0 **19**-*542,748* PC **A04**/MF **A01**

**NAS 1.26:175809**
Use of a Sunward-Libration-Point Orbiting Spacecraft as an IMF (Interplanetary Magnetic Fields) Monitor for Magnetospheric Studies.
N85-27426/4 **19**-*542,232* PC **A02**/MF **A01**

**NAS 1.26:175810**
Microbial Ecology of Extreme Environments: Antarctic Yeasts and Growth in Substrate-Limited Habitats.
N85-27509/7 **19**-*542,516* PC **A02**/MF **A01**

**NAS 1.26:175811**
Thermodynamic Evaluation of Transonic Compressor Rotors Using the Finite Volume Approach.
N85-26712/8 **19**-*544,417* PC **A03**/MF **A01**

**NAS 1.26:175812**
Finite Elements and the Method of Conjugate Gradients on a Concurrent Processor.
N85-27588/1 **19**-*543,273* PC **A02**/MF **A01**

**NAS 1.26:175813**
Reliability Models for Dataflow Computer Systems.
N85-27543/6 **19**-*543,045* PC **A07**/MF **A01**

**NAS 1.26:175814**
General Purpose Scatter Storage Subsystem and a Comparison of Hashing Methods.
N85-27542/8 **19**-*543,044* PC **A07**/MF **A01**

**NAS 1.26:175825**
Activities of the Aeronautics and Space Engineering Board.
N85-26610/4 **19**-*542,320* PC **A02**/MF **A01**

**NAS 1.26:175830**
Estudo da Evolucao Urbana de Brasilia Atraves do Uso de Dados Landsat (Study of the Urban Evolution of Brasilia with the Use of Landsat Data).
N85-27321 **19**-*543,492* PC **A03**/MF **A01**

**NAS 1.26:175831**
Alternatives for Jet Engine Control.
N85-26713/6 **19**-*544,418* PC **A12**/MF **A01**

**NAS 1.26:175832**
Alternatives for Jet Engine Control.
N85-26714/4 **19**-*544,419* PC **A07**/MF **A01**

**NAS 1.26:175833**
Alternatives for Jet Engine Control.
N85-26715/1 **19**-*544,420* PC **A12**/MF **A01**

**NAS 1.26:175834**
Preliminary Technology Utilization Assessment of the Robotic Fruit Harvester.
N85-27532/9 **19**-*542,133* PC **A02**/MF **A01**

**NAS 1.26:175835**
Free-Surface Phenomena under Low- and Zero-Gravity Conditions.
N85-27168/2 **19**-*542,815* PC **A02**/MF **A01**

**NAS 1.26:175836**
Characterization-Curing-Property Studies of HBRF 55A Resin Formulations.
N85-26989/2 **19**-*543,243* PC **A07**/MF **A01**

**NAS 1.26:175837**
Histological and Compositional Responses of Bone to Immobilization and Other Experimental Conditions.
N85-27518/8 **19**-*542,749* PC **A03**/MF **A01**

**NAS 1.26:175838**
Simulation of Solidification in a Bridgman Cell.
N85-27705/1 **19**-*543,984* PC **A02**/MF **A01**

**NAS 1.26:175839**
Parametric Study of Potential Early Commercial Power Plants Task 3-A MHD Cost Analysis.
N85-27377/9 **19**-*543,136* PC **A04**/MF **A01**

**NAS 1.26:175841**
Activity and Accomplishments of Dish/Stirling Electric Power System Development.
N85-28445/3 **20**-*545,435* PC **A07**/MF **A01**

**NAS 1.26:175842**
Telecommunications and Data Acquisition Report.
N85-27094/0 **19**-*543,774* PC **A08**/MF **A01**

**NAS 1.26:175850**
Development of Acceptance Criteria for Batches of Silane Primer for External Tank Thermal Protection System Bonding Applications.
N85-26995/9 **19**-*543,169* PC **A04**/MF **A01**

**NAS 1.26:175851**
Modeling Analysis Program for the JPL Table Mountain Io Sodium Cloud.
N85-27468/6 **19**-*542,201* PC **A03**/MF **A01**

**NAS 1.26:175852**
Cometary Atmospheres: Modeling the Spatial Distribution of Observed Neutral Radicals.
N85-27781/2 **19**-*542,206* PC **A02**/MF **A01**

**NAS 1.26:175853**
Influence of Coherent Mesoscale Structures on Satellite-Based Doppler Lidar Wind Measurements.
N85-27467/8 **19**-*542,268* PC **A02**/MF **A01**

**NAS 1.26:175854**
Studies of Hot B Subdwarfs. Part 2. Energy Distributions of Three Bright Sdb/Sdob Stars in the 950-5500 Angstrom Range.
N85-27775/4 **19**-*542,203* PC **A03**/MF **A01**

**NAS 1.26:175855**
Investigation of Tethered Satellite System Dynamics.
N85-26854/8 **19**-*544,460* PC **A04**/MF **A01**

**NAS 1.26:175856**
Jet Fuel Instability Mechanisms.
N85-28127/7 **20**-*547,145* PC **A06**/MF **A01**

**NAS 1.26:175857**
Development and Application of Optimum Sensitivity Analysis of Structures.
N85-27257/3 **19**-*544,270* PC **A02**/MF **A01**

**NAS 1.26:175858**
Measurement of the Vibrational Band Strength for the Upsilon sub 3 Band of the HO2 Radical.
N85-26936/3 **19**-*542,812* PC **A03**/MF **A01**

**NAS 1.26:175859**
Communications and Logic Systems at Millimeter Wave Frequencies.
N85-28824/9 **20**-*546,023* PC **A06**/MF **A01**

**NAS 1.26:175870**
Investigation of Semiconductor Clad Optical Waveguides.
N85-28785/2 **20**-*546,517* PC **A05**/MF **A01**

**NAS 1.26:175871**
Towards a Study of Synoptic-Scale Variability of the California Current System.
N85-28529/4 **20**-*545,042* PC **A03**/MF **A01**

**NAS 1.26:175872**
Software Simulation Study of a (255,223) Reed-Solomon Encoder-Decoder.
N85-28192/1 **20**-*546,020* PC **A03**/MF **A01**

**NAS 1.26:175873**
Documents of the JPL Photovoltaics Program Analysis and Integration Center: An Annotated Bibliography.
N85-28448/7 **20**-*545,438* PC **A02**/MF **A01**

**NAS 1.26:175874**
Program for the Calculation of Paraboloidal-Dish Solar Thermal Power Plant Performance.
N85-28449/5 **20**-*545,439* PC **A04**/MF **A01**

**NAS 1.26:175875**
Thermal Infrared Multispectral Scanner (TIMS): An Investigator's Guide to TIMS Data.
N85-28286/1 **20**-*545,977* PC **A03**/MF **A01**

**NAS 1.26:175877**
Performance Analysis of the Dsn Baseband Assembly (BBA) Real-Time Combiner (RTC).
N85-28193/9 **20**-*546,021* PC **A04**/MF **A01**

**NAS 1.26:175878**
Performance Analysis of the Dsn Baseband Assembly (BBA) Real-Time Combiner (RTC).
N85-28190/5 **20**-*546,019* PC **A04**/MF **A01**

**NAS 1.26:175879**
Morphological Stability and Fluid Dynamics of Vapor Crystal Growth.
N85-28822/3 **20**-*546,491* PC **A02**/MF **A01**

**NAS 1.26:175880**
Morphological Stability and Fluid Dynamics of Vapor Crystal Growth.
N85-28823/1 **20**-*546,492* PC **A02**/MF **A01**

**NAS 1.26:175881**
Automation and Robotics for the National Space Program.
N85-27936/2 **20**-*547,185* PC **A07**/MF **A01**

**NAS 1.26:175882**
Cometary Atmospheres: Modeling the Spatial Distribution of Observed Neutral Radicals.
N85-28904/9 **20**-*544,574* PC **A03**/MF **A01**

**NAS 1.26:175883**
Electron-Cyclotron Maser Emission during Solar and Stellar Flares.
N85-28907/2 **20**-*544,575* PC **A02**/MF **A01**

**NAS 1.26:175885**
Free-Surface Phenomena under Low- and Zero-Gravity Conditions.
N85-27922/2 **20**-*547,170* PC **A02**/MF **A01**

**NAS 1.26:175886**
New Polymers for Composites: A Summary of Research on Polystyrylpyridines.
N85-28106/1 **20**-*544,938* PC **A09**/MF **A01**

**NAS 1.26:175887**
Water Vapor Radiometry Research and Development Phase.
N85-28512/0 **20**-*545,983* PC **A07**/MF **A01**

**NAS 1.26:175888**
Microwave Responses of the Western North Atlantic.
N85-28191/3 **20**-*545,056* PC **A03**/MF **A01**

**NAS 1.26:175889**
Relative Potentials of Concentrating and Two-Axis Tracking Flat-Plate Photovoltaic Arrays for Central-Station Applications.
N85-28446/1 **20**-*545,436* PC **A05**/MF **A01**

**NAS 1.26:175890**
Hand Controllers for Teleoperation. A State-of-the-Art Technology Survey and Evaluation.
N85-28559/1 **20**-*544,714* PC **A05**/MF **A01**

**NAS 1.26:175891**
Measurement of Elements in the Stratosphere.
N85-27414/0 **19**-*542,229* PC **A16**/MF **A01**

**NAS 1.26:175892**
Parabolic Dish Test Site: History and Operating Experience.
N85-28447/9 **20**-*545,437* PC **A10**/MF **A01**

**NAS 1.26:175893**
Analysis of Physical-Chemical Processes Governing SSME Internal Fluid Flows.
N85-28261/4 **20**-*547,029* PC **A03**/MF **A01**

**NAS 1.26:175894**
High-Accuracy Optical Linear Algebra Processor for Finite Element Applications.
N85-28658/1 **20**-*545,574* PC **A08**/MF **A01**

**NAS 1.26:175898**
Centralized Storm Information System (CSIS).
N85-28506/2 **20**-*544,611* PC **A08**/MF **A01**

**NAS 1.26:175899**
Activities of the Solid State Physics Research Institute.
N85-28818/1 **20**-*547,001* PC **A05**/MF **A01**

**NAS 1.26:175901**
Study of Internal and Distributed Damping for Vibrating Turbomachine Blades.
N85-27868/7 **20**-*547,158* PC **A02**/MF **A01**

**NAS 1.26:175908**
Cosmic X-Ray Physics.
N85-28910/6 **20**-*544,577* PC **A02**/MF **A01**

**NAS 1.26:175909**
Experimental Investigation of the Angular Scattering and Backscattering Behaviors of the Simulated Clouds of the Outer Planets.
N85-28896/7 **20**-*544,573* PC **A03**/MF **A01**

**NAS 1.26:175910**
Hardware Test Program for Evaluation of Baseline Range/Range Rate Sensor Concept.
N85-28194/7 **20**-*546,044* PC **A02**/MF **A01**

**NAS 1.26:175911**
Shocks in the Solar Wind between 1 and 8.5 AU: Voyager 1 Observations.
N85-29905/5 **21**-*547,247* PC **A04**/MF **A01**

**NAS 1.26:175912**
Numerical Computation of Space Shuttle Orbiter Flow Field.
N85-28921/3 **21**-*547,193* PC **A02**/MF **A01**

**NAS 1.26:175913**
Three-Dimensional Turbulent Separated Flow and Related Mesurements.
N85-29181/3 **21**-*549,025* PC **A02**/MF **A01**

**NAS 1.26:175914**
Activities at the Lunar and Planetary Institute.
N85-29859/4 **21**-*547,241* PC **A04**/MF **A01**

**NAS 1.26:175917**
Study of the Physics of Cometary Nuclei.
N85-28905/6 **20**-*544,580* PC **A02**/MF **A01**

**NAS 1.26:175918**
Photoabsorption and Photodissociation of Molecules Important in the Interstellar Medium.
N85-30986/2 **22**-*549,390* PC **A02**/MF **A01**

**NAS 1.26:175919**
Acoustooptic Pulse-Echo Transducer System.
N85-28224/2 **20**-*545,976* PC **A02**/MF **A01**

**NAS 1.26:175920**
Optimal Design and Use of Retry in Fault Tolerant Real-Time Computer Systems.
N85-28643/3 **20**-*545,217* PC **A03**/MF **A01**

**NAS 1.26:175921**
Measurement of Ultrasonic Fields in Transparent Media Using a Scanning Differential Interferometer.
N85-28726/6 **20**-*545,985* PC **A03**/MF **A01**

**NAS 1.26:175922**
Research in Computer Science.
N85-28612/8 **20**-*545,212* PC **A02**/MF **A01**

**NAS 1.26:175959**
Comprehensive Silicon Solar Cell Computer Modeling.
N85-28461/0 **20**-*545,440* PC **A02**/MF **A01**

**NAS 1.26:175961**
Changes in Bone Structure and Metabolism During Simulated Weightlessness: Endocrine and Dietary Factors.
N85-29521/0 **21**-*547,706* PC **A02**/MF **A01**

**NAS 1.26:175962**
Influence of the Heliospheric Current Sheet and Angular Separation on Flare Accelerated Solar Wind.
N85-29907/1 **21**-*547,249* PC **A02**/MF **A01**

**NAS 1.26:175965**
Quantitative Studies for Photoabsorption and Fluorescence of HCl.
N85-30043/2 **22**-*549,414* PC **A02**/MF **A01**

**NAS 1.26:175966**
Activity and Magnetic Fields on Stars from Radio Observations.
N85-29861/0 **21**-*547,243* PC **A02**/MF **A01**

**NAS 1.26:175967**
Application of the MHD Energy Principle to Magnetostatic Atmospheres.
N85-29420/5 **21**-*547,240* PC **A02**/MF **A01**

**NAS 1.26:175968**
Extended Two-Target Differential Game Model for Medium-Range Air Combat Game Analysis.
N85-29687/9 **21**-*548,766* PC **A02**/MF **A01**

**NAS 1.26:175969**
Quenching of the Beam-Plasma Instability by 3-D Spectra of Large Scale Density Fluctuations.
N85-30897/1 **22**-*549,387* PC **A03**/MF **A01**

**NAS 1.26:175970**
Turbulence and Wave Particle Interactions in Solar-Terrestrial Plasmas.
N85-29906/3 **21**-*547,248* PC **A03**/MF **A01**

**NAS 1.26:175976**
Speckle Interferometry Applied to Asteroids and Other Solar System Objects.
N85-30995/3 **22**-*549,392* PC **A06**/MF **A01**

**NAS 1.26:175977**
Evolution of the Luminosity Function of Extragalactic Objects.
N85-29860/2 **21**-*547,242* PC **A03**/MF **A01**

**NAS 1.26:175978**
Modeling and Analysis of Pinhole Occulter Experiment: Initial Study Phase.
N85-30287/5 **22**-*551,867* PC **A04**/MF **A01**

**NAS 1.26:175979**
Publications of the Jet Propulsion Laboratory 1983.
N85-29848/7 **21**-*547,325* PC **A03**/MF **A01**

**NAS 1.26:175980**
Utilization of Satellite Data and Regional Scale Numerical Models in Short Range Weather Forecasting.
N85-30545/6 **22**-*549,434* PC **A03**/MF **A01**

**NAS 1.26:175982**
Aircraft Cabin Noise Prediction and Optimization.
N85-30768/4 **22**-*549,317* PC **A05**/MF **A01**

**NAS 1.26:175986**
Dynamics and Control of Large Flexible Space Structures, 8.
N85-29996/4 **22**-*551,860* PC **A05**/MF **A01**

**NAS 1.26:175989**
Dye Laser Traveling Wave Amplifier.
N85-30308/9 **22**-*551,316* PC **A09**/MF **A01**

**NAS 1.26:175997**
Effects of Coronal Disturbances on the Ionization State of the Solar Wind.
N85-31000/1 **22**-*549,395* PC **A02**/MF **A01**

**NAS 1.26:175998**
Structural Characteristics of High Temperature Composites.
N85-30037/4 **22**-*550,411* PC **A02**/MF **A01**

**NAS 1.26:175999**
Global Low Order Spectral Model Designed for Climate Sensitivity Studies.
N85-30549/8 **22**-*549,438* PC **A04**/MF **A01**

**NAS 1.26:176000**
Atmospheric Planetary Wave Response to External Forcing.
N85-30548/0 **22**-*549,437* PC **A04**/MF **A01**

**NAS 1.26:176001**
Planetary Dynamos.
N85-32857/3 **24**-*555,466* PC **A02**/MF **A01**

**NAS 1.26:176002**
Research Relative to the Development of a Cryogenic Microwave Cavity Gradiometer for Orbital Use.
N85-29980/8 **22**-*550,839* PC **A03**/MF **A01**

**NAS 1.26:176003**
Study of Kapton under Simulated Shuttle Environment.
N85-29997/2 **22**-*551,861* PC **A02**/MF **A01**

**NAS 1.26:176005**
Microbial Ecology of Extreme Environments: Antarctic Yeasts and Growth in Substrate-Limited Habitats.
N85-30609/0 **22**-*549,742* PC **A02**/MF **A01**

**NAS 1.26:176006**
Concatenated Coding Scheme for Error Control.
N85-30655/3 **22**-*550,279* PC **A03**/MF **A01**

**NAS 1.26:176007**
Economics of Private Sector R and D Decisionmaking in Aeronautics.
N85-30962/3 **22**-*549,476* PC **A06**/MF **A01**

**NAS 1.26:176008**
Spectroradiometric Calibration of the Thematic Mapper and Multispectral Scanner System.
N85-31601/6 **23**-*553,678* PC **A03**/MF **A01**

**NAS 1.26:176010**
Design and Chemical Synthesis of Iodine-Containing Molecules for Application to Solar-Pumped I* Lasers.
N85-30310/5 **22**-*551,318* PC **A02**/MF **A01**

**NAS 1.26:176011**
Outside Users Payload Model.
N85-29986/5 **22**-*551,849* PC **A09**/MF **A01**

**NAS 1.26:176012**
Space Ventures and Society Long-Term Perspectives.
N85-30963/1 **22**-*549,477* PC **A09**/MF **A01**

**NAS 1.26:176013**
Areal Coverage of Storm Precipitation.
N85-30550/6 **22**-*549,439* PC **A02**/MF **A01**

**NAS 1.26:176014**
Research Pressure Instrumentation for NASA Space Shuttle Main Engine.
N85-30006/9 **22**-*551,846* PC **A04**/MF **A01**

**NAS 1.26:176015**
MMIC (Monolithic Microwave Integrated Circuit) Devices for Active Phased Array Antennas.
N85-30177/8 **22**-*550,291* PC **A02**/MF **A01**

**NAS 1.26:176016**
Commerce Lab: Mission Analysis Payload Integration Study. Appendix A: Data Bases.
N85-29988/1 **22**-*551,850* PC **A13**/MF **A01**

**NAS 1.26:176023**
Diagnosis of Vertical Motions from VAS Retrievals during a Convective Outbreak.
N85-30554/8 **22**-*549,442* PC **A06**/MF **A01**

**NAS 1.26:176024**
Crystal Growth of Device Quality GaAs in Space.
N85-30935/9 **22**-*551,254* PC **A03**/MF **A01**

**NAS 1.26:176025**
Magnetic Probing of the Solar Interior.
N85-30998/7 **22**-*549,393* PC **A04**/MF **A01**

**NAS 1.26:176026**
Phase Locked Loop Synchronization for Direct Detection Optical PPM (Pulse Position Modulation) Communication Systems.
N85-30178/6 **22**-*550,932* PC **A04**/MF **A01**

**NAS 1.26:176028**
Cerenkov-delta E-Cerenkov Detector for High Energy Cosmic Ray Isotopes and an Accelerator Study of Ar-40 and Fe-56 Fragmentation.
N85-32086/9 **23**-*553,840* PC **A10**/MF **A01**

**NAS 1.26:176029**
Solar Photospheric and Coronal Abundances from Solar Energetic Particle Measurements.
N85-32073/7 **23**-*551,996* PC **A09**/MF **A01**

**NAS 1.26:176030**
Thermal Ion Heating in the Vicinity of the Plasmapause.
N85-31993/7 **23**-*552,021* PC **A02**/MF **A01**

**NAS 1.26:176031**
Investigation of Dynamic Noise Affecting Geodynamics Information in a Tethered Subsatellite.
N85-31602/4 **23**-*554,541* PC **A03**/MF **A01**

**NAS 1.26:176034**
Sidewall Boundary-Layer Effects in Two-Dimensional Airfoil Testing.
N85-31065/4 **23**-*553,664* PC **A02**/MF **A01**

**NAS 1.26:176035**
Interactive Aircraft Flight Control and Aeroelastic Stabilization.
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**NAS 1.26:176037**
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**NAS 1.26:176038**
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**NAS 1.26:176039**
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N85-31347/6 **23**-*553,766* PC **A04**/MF **A01**

**NAS 1.26:176041**
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**NAS 1.26:176042**
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**NAS 1.26:176050**
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**NAS 1.26:176057**
Analysis of Jovian Decametric Data: Study of Radio Emission Mechanisms.
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Geophysical Interpretation of Venus Gravity Data.
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Temporal Evolution of a Small Auroral Substorm as Viewed from High Altitudes with Dynamics Explorer 1.
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N85-31731/1 **23**-*552,041* PC **A02**/MF **A01**

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N85-31851/7 **23**-*552,818* PC **A02**/MF **A01**

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Research in Extreme Ultraviolet and Far Ultraviolet Astronomy.
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**NAS 1.26:176069**
Research in Particles and Fields.
N85-33103/1 **24**-*554,660* PC **A03**/MF **A01**

**NAS 1.26:176070**
Molecular Orbital Studies in Oxidation: Sulfate Formation and Metal-Metal Oxide Adhesion.
N85-32174/3 **24**-*555,336* PC **A02**/MF **A01**

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**NAS 1.26:176072**
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N85-32175/0 **24**-*555,337* PC **A03**/MF **A01**

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Measurement of Damping of Graphite Epoxy Materials.
N85-32334/3 **24**-*555,726* PC **A02**/MF **A01**

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Quasi Non-Intrusive Sampling and Analysis of Gases Associated with the Boundary Layer on the Tethered Satellite and Similar Supersonic and Hypersonic Research Vehicles.
N85-31140/5 **23**-*554,526* PC **A05**/MF **A01**

**NAS 1.26:176076**
Design of Helicopter Rotor Blades for Optimum Dynamic Characteristics.
N85-31044/9 **23**-*551,917* PC **A06**/MF **A01**

**NAS 1.26:176077**
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**NAS 1.26:176078**
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N85-32332/7 **24**-*556,095* PC **A07**/MF **A01**

**NAS 1.26:176087**
Research on an Expert System for Databasa Operation of Simulation-Emulation Math Models. Volume 1. Phase 1: Results.
N85-32792/2 **24**-*557,202* PC **A05**/MF **A01**

**NAS 1.26:176088**
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**NAS 1.26:176090**
Simultaneous Solar Maximum Mission and Very Large Array (VLA) Observations of Solar Active Regions.
N85-33897/8 **26**-*560,094* PC **A02**/MF **A01**

**NAS 1.26:176092**
Space Station Automation Study: Autonomous Systems and Assembly. Volume 2.
N85-33175/9 **26**-*562,066* PC **A12**/MF **A01**

**NAS 1.26:176093**
Terrestrial Planets: Comparative Planetology.
N85-33849/9 **26**-*560,093* PC **A03**/MF **A01**

**NAS 1.26:176094**
Nasa Space Station Automation: AI-Based Technology Review.
N85-32134/7 **24**-*557,199* PC **A14**/MF **A01**

**NAS 1.26:176095**
Space Station Automation and Robotics Study. Operator-Systems Interface.
N85-33172/6 **26**-*562,063* PC **A04**/MF **A01**

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N85-32135/4 **24**-*557,200* PC **A04**/MF **A01**

**NAS 1.26:176097**
Automation Study for Space Station Subsystems and Mission Ground Support.
N85-32136/2 **24**-*557,201* PC **A05**/MF **A01**

**NAS 1.26:176098**
Performance and Evaluation of Real-Time Multicomputer Control Systems.
N85-32821/9 **24**-*555,541* PC **A02**/MF **A01**

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N85-33171/8 **26**-*562,062* PC **A10**/MF **A01**

**NAS 1.26:176102**
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N85-33201/3 **26**-*561,929* PC **A02**/MF **A01**

**NAS 1.26:176103**
Evaluation of Semiconductor Devices for Electric and Hybrid Vehicle (Ehv) AC-Drive Applications, Volume 2.
N85-33294/8 **26**-*560,723* PC **A19**/MF **A01**

**NAS 1.26:176104**
Diffusion Welding of Cassegrainian Concentrator Cell Stack Assemblies.
N85-33566/9 **26**-*560,855* PC **A07**/MF **A01**

**NAS 1.26:176105**
Air-Sea Interaction with SSM/I and Altimeter.
N85-33650/1 **26**-*560,570* PC **A04**/MF **A01**

**NAS 1.26:176107**
Middle Atmosphere Program. Handbook for MAP. Volume 11.
N85-33625/3 **26**-*560,099* PC **A08**/MF **A01**

**NAS 1.26:176108**
Advanced Beamed-Energy and Field Propulsion Concepts.
N85-33186/6 **26**-*561,943* PC **A23**/MF **A01**

**NAS 1.26:176109**
Use of Low Energy Hydrogen Ion Implants in High Efficiency Crystalline Silicon Solar Cells.
N85-33571/9 **26**-*560,858* PC **A02**/MF **A01**

**NAS 1.26:176111**
Research and Development Activities in Unified Control-Structure Modeling and Design.
N85-33180/9 **26**-*562,070* PC **A03**/MF **A01**

**NAS 1.26:176113**
Research Study for Gel Precursors as Glass and Ceramic Starting Materials for Space Processing Applications Research.
N85-33250/0 **26**-*560,895* PC **A03**/MF **A01**

**NAS 1.26:176116**
Ultrasonic SEAM Welding on Thin Silicon Solar Cells.
N85-33570/1 **26**-*560,857* PC **A05**/MF **A01**

**NAS 1.26:176120**
Modal Parameter Extraction Procedure Applicable to Linear Time-Invariant Dynamic Systems.
N85-33747/5 **26**-*561,908* PC **A05**/MF **A01**

**NAS 1.26:176121**
Voyager 0.2-Lbf Thruster Valve Assembly Short Pulse Test Report.
N85-33185/8 **26**-*562,055* PC **A05**/MF **A01**

**NAS 1.26:176122**
Application of Nonlinear Least Squares Methods to the Analysis of Solar Spectra.
N85-33637/8 **26**-*560,100* PC **A03**/MF **A01**

**NAS 1.26:176123**
Large-Scale Sea Surface Temperature Variability from Satellite and Shipboard Measurements.
N85-33651/9 **26**-*560,571* PC **A03**/MF **A01**

**NAS 1.26:176124**
Laser-Assisted Solar Cell Metallization Processing.
N85-33565/1 **26**-*560,854* PC **A02**/MF **A01**

**NAS 1.26:176128**
Isotopic Biogeochemistry.
N85-33189/0 **26**-*560,577* PC **A03**/MF **A01**

**NAS 1.26:176129**
Research and Development Activities in Unified Control-Structure Modeling and Design.
N85-33179/1 **26**-*562,069* PC **A03**/MF **A01**

**NAS 1.26:176130**
Experimental Studies of Glass Refining.
N85-33248/4 **26**-*560,894* PC **A04**/MF **A01**

**NAS 1.26:176133**
Space Robot Simulator Vehicle.
N85-33176/7 **26**-*562,067* PC **A02**/MF **A01**

**NAS 1.26:176134**
Block 5 Documentation and Solar Modules.
N85-33564/4 **26**-*560,853* PC **A03**/MF **A01**

**NAS 1.26:176137**
Extended Atmospheres of Outer Planet Satellites and Comets.
N85-33848/1 **26**-*560,092* PC **A04**/MF **A01**

**NAS 1.26:176139**
Multishaker Modal Testing.
N85-33544/6 **26**-*561,907* PC **A02**/MF **A01**

**NAS 1.26:176140**
Substructure Coupling in the Frequency Domain.
N85-33543/8 **26**-*561,906* PC **A07**/MF **A01**

**NAS 1.26:176144**
Substructure Coupling Procedure Applicable to General Linear Time-Invariant Dynamic Systems.
N85-33542/0 **26**-*561,905* PC **A05**/MF **A01**

**NAS 1.26:176146**
Stress Distribution in Pin-Loaded Orthotropic Plates.
N85-33547/9 **26**-*561,166* PC **A08**/MF **A01**

**NAS 1.26:176147**
Stresses and Deformations in Cross-Ply Composite Tubes Subjected to a Uniform Temperature Change: Elasticity and Approximate Solutions.
N85-33545/3 **26**-*561,218* PC **A03**/MF **A01**

**NAS 1.26:176148**
Nonlinear Response and Failure Characteristics of Internally Pressurized Composite Cylindrical Panels.
N85-33546/1 **26**-*560,911* PC **A10**/MF **A01**

**NAS 1.26:176150**
Determination of Band Oscillator Strengths of Atmospheric Molecules from High Resolution Vacuum Ultraviolet Cross Section Measurements.
N85-33624/6 **26**-*560,523* PC **A02**/MF **A01**

**NAS 1.26:176154**
Mosaic Infrared Sensor for Space Astronomy (MIRSSA).
N85-33456/3 **26**-*561,350* PC **A03**/MF **A01**

**NAS 1.26:177304-V-1**
Mission-Oriented Requirements for Updating MIL-H-8501. Volume 1. STI Proposed Structure.
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**NAS 1.26:177304-V-2**
Mission-Oriented Requirements for Updating MIL-H-8501. Volume 2. STI Background and Rationale.
N85-16878/9 **11**-*523,254* PC **A06**/MF **A01**

**NAS 1.26:177321**
Viscous-Inviscid Aerodynamic Analysis of Two-Dimensional Thrust Augmentors.
N85-12861/9 **07**-*514,317* PC **A03**/MF **A01**

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Algal Culture Studies Related to a Closed Ecological Life Support System (CELSS).
N85-16470/5 **10**-*521,416* PC **A03**/MF **A01**

**NAS 1.26:177323**
Controlled Ecological Life Support System Higher Plant Flight Experiments.
N85-16471/3 **10**-*521,586* PC **A02**/MF **A01**

**NAS 1.26:177324**
Control and Modeling of a CELSS (Controlled Ecological Life Support System).
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**NAS 1.26:177325**
Passive Orbital Disconnect Strut (PODS 3) Structural Test Program.
N85-17020/7 **11**-*525,835* PC **A06**/MF **A01**

**NAS 1.26:177326**
Study of the Application of Differential Techniques to the Global Positioning System for a Helicopter Precision Approach.
N85-31035/7 **23**-*553,800* PC **A05**/MF **A01**

**NAS 1.26:177327**
Multi Crop Area Estimation in Idaho Using Editor.
N85-15251/0 **10**-*520,992* PC **A03**/MF **A01**

**NAS 1.26:177328**
Experimental Study of Airfoil-Spoiler Aerodynamics.
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Feasibility of Producing a Range of Food Products from a Limited Range of Undifferenitiated Major Food Components.
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**NAS 1.26:177333**
Human Factors in Cockpit Automation: A Field Study of Flight Crew Transition.
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**NAS 1.26:177335**
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N85-23377/3 **15**-*534,728* PC **A12**/MF **A01**

**NAS 1.26:177336-V-1**
Experimental Study of Main Rotor Tip Geometry and Tail Rotor Interactions in Hover. Volume 1. Text and Figures.
N85-22344/4 **15**-*532,902* PC **A05**/MF **A01**

**NAS 1.26:177336-V-2**
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N85-22345/1 **15**-*532,903* PC **A11**/MF **A01**

**NAS 1.26:177337**
Study of Application of Space Telescope Science Operations Software for SIRTF Use.
N85-18080/0 **12**-*525,980* PC **A05**/MF **A01**

**NAS 1.26:177338**
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N85-23376/5 **15**-*534,727* PC **A06**/MF **A01**

**NAS 1.26:177340-V-1**
Study for Prediction of Rotor/Wake/Fuselage Interference, Part 1.
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**NAS 1.26:177340-V-2**
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**NAS 1.26:177342**
Vector Computer Memory Bank Contention.
N85-18649/2 **12**-*526,934* PC **A02**/MF **A01**

**NAS 1.26:177344**
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N85-33111/4 **26**-*559,991* PC **A07**/MF **A01**

**NAS 1.26:177346**
Application of Artificial Intelligence Techniques to Large Distributed Networks.
N85-30721/3 **22**-*550,252* PC **A02**/MF **A01**

**NAS 1.26:177347**
Analysis of Selected Problems Involving Vortical Flows.
N85-25212/0 **18**-*539,655* PC **A05**/MF **A01**

**NAS 1.26:177348**
Application of Two-Dimensional Unsteady Aerodynamic to a Free-Tip Rotor Response Analysis.
N85-29933/7 **22**-*549,283* PC **A04**/MF **A01**

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Fuselage Upwash Effects on RSRA Rotor Systems.
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**NAS 1.26:177350**
Navigation and Flight Director Guidance for the NASA/FAA Helicopter Mls Curved Approach Flight Test Program.
N85-26691/4 **19**-*542,109* PC **A07**/MF **A01**

**NAS 1.26:177354**
Mental Workload Measurement: Event-Related Potentials and Ratings of Workload and Fatigue.
N85-26139/4 **18**-*539,974* PC **A02**/MF **A01**

**NAS 1.26:177357**
Polymer Matrix and Graphite Fiber Interface Study.
N85-30036/6 **22**-*550,410* PC **A18**/MF **A01**

**NAS 1.26:177362**
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N85-31045/6 **23**-*551,918* PC **A04**/MF **A01**

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N85-32095/0 **24**-*556,651* PC **A06**/MF **A01**

**NAS 1.26:177925**
Clamped Rectangular Plate Containing a Crack.
N85-31552/1 **23**-*554,296* PC **A03**/MF **A01**

**NAS 1.26:177927**
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**NAS 1.26:177932**
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**NAS 1.26:177933**
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N85-32979/5 **24**-*556,587* PC **A03**/MF **A01**

**NAS 1.26:177935**
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**NAS 1.26:177937**
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**NAS 1.26:177938**
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N85-33109/8 **26**-*559,979* PC **A04**/MF **A01**

**NAS 1.26:177942**
Interpretation of Flying Qualities Requirements for Flight Control System Design.
N85-33125/4 **26**-*560,002* PC **A05**/MF **A01**

**NAS 1.26:178424**
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N85-16889/6 **11**-*525,820* PC **A25**/MF **A01**

**NAS 1.55:2342-PT-2**
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N85-16937/3 **11**-*525,821* PC **A23**/MF **A01**

**NAS 1.55:2343-PT-1**
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N84-34366/4 **01**-*500,141* PC **A07**/MF **A01**

**NAS 1.55:2343-PT-2**
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N84-34376/3 **01**-*500,142* PC **A07**/MF **A01**

**NAS 1.55:2344**
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N85-14360/0 **08**-*515,858* PC **A11**/MF **A01**

**NAS 1.55:2345**
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**NAS 1.55:2346**
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N85-13850/1 **08**-*516,834* PC **A18**/MF **A01**

**NAS 1.55:2347**
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**NAS 1.55:2355-V-4**
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N85-22470/7 **15**-*535,285* PC **A99**/MF **E03**

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**NAS 1.55:2364**
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N85-20339/6 **14**-*532,865* PC **A13**/MF **A01**

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**NAS 1.55:2367**
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**NAS 1.55:2368-PT-2**
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N85-29531/9 **21**-*547,667* PC **A04**/MF **A01**

**NAS 1.55:2379**
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N85-28563/3 **20**-*545,570* PC **A06**/MF **A01**

**NAS 1.55:2381**
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**NAS 1.60:2071**
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**NAS 1.60:2284**
Space Shuttle Orbiter Trimmed Center-of-Gravity Extension Study.
N85-19003/1 **13**-*530,718* PC **A04**/MF **A01**

**NAS 1.60:2334**
Experimental and Predicted Heating Distributions for Biconics at Incidence in Air at Mach 10.
N85-12313/1 **06**-*514,310* PC **A06**/MF **A01**

**NAS 1.60:2335**
Aerodynamic Design of the Contoured Wind-Tunnel Liner for the NASA Supercritical, Laminar-Flow-Control, Swept-Wing Experiment.
N84-33377/2 **01**-*501,971* PC **A03**/MF **A01**

**NAS 1.60:2343**
Mixed Models and Reduction Techniques for Large-Rotation, Nonlinear Analysis of Shells of Revolution with Application to Tires.
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**NAS 1.60:2345**
Aerothermal Tests of a 12.5 Percent Cone at Mach 6.7 for Various Reynolds Numbers, Angles of Attack and Nose Shapes.
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**NAS 1.60:2346**
Validation of a Fault-Tolerant Clock Synchronization System.
N84-34198/1 **01**-*501,335* PC **A02**/MF **A01**

**NAS 1.60:2348**
Experimental and Theoretical Investigation of Deposition Patterns from an Agricultural Airplane.
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**NAS 1.60:2358**
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**NAS 1.60:2359**
Combustion Gas Properties I-ASTM Jet A Fuel and Dry Air.
N85-10064/2 **03**-*507,834* PC **E03**/MF **A01**

**NAS 1.60:2361**
Design Guidelines for Assessing and Controlling Spacecraft Charging Effects.
N84-33452/3 **01**-*502,767* PC **A03**/MF **A01**

**NAS 1.60:2362**
Friction Behavior of Silicon in Contact with Titanium, Nickel, Silver and Copper.
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**NAS 1.60:2363**
T-Matrix Theory of Galactic Heavy-Ion Fragmentation.
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**NAS 1.60:2365**
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Rational-Spline Approximation with Automatic Tension Adjustment.
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Fracture Toughness of Fibrous Composite Materials.
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**NAS 1.60:2372**
Comparison of Numerical Techniques for Integration of Stiff Ordinary Differential Equations Arising in Combustion Chemistry.
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**NAS 1.60:2373**
Reduction Method for Thermal Analysis of Complex Aerospace Structures.

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Flight and Wind-Tunnel Comparisons of the Inlet-Airframe Interaction of the F-15 Airplane.
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Full-Scale Crash-Test Evaluation of Two Load-Limiting Subfloors for General Aviation Airframes.
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N85-19790/3 **13**-*530,680* PC **A03**/MF **A01**

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Wind-Tunnel Investigation of a Full-Scale Canard-Configured General Aviation Airplane.
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Reference Energy-Altitude Descent Guidance: Simulator Evaluation.
N85-16868/0 **11**-*523,249* PC **A03**/MF **A01**

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Comparative Study of the Nonuniqueness Problem of the Potential Equation.
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Cockpit-Display Concept for Executing a Multiple Glide-Slope Approach for Wake-Vortex Avoidance.
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Local Stability Analysis for a Planar Shock Wave.
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Spline Methods for Approximating Quantile Functions and Generating Random Samples.
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Preliminary Study of Numerical Simulation of Thermosolutal Convection of Interest to Crystal Growth.
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**NAS 1.60:2396**

Algorithm for Astronomical, Extended Source, Signal-to-Noise Radio Calculations.
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Effect of Humidity on Fretting Wear of Several Pure Metals.
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N85-13044/1 **07**-*514,791* PC **A02**/MF **A01**

**NAS 1.60:2406**

High-Temperature Erosion of Plasma-Sprayed, Yttria-Stabilized Zirconia in a Simulated Turbine Environment.
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**NAS 1.60:2407**

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**NAS 1.60:2408**

Effect of Lubricant Extreme-Pressure Additives on Surface Fatigue Life of AISI 9310 Spur Gears.
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**NAS 1.60:2409**

Reliability Bounds for Fault-Tolerant Systems with Competing Responses to Component Failures.
N85-23090/2 **15**-*534,429* PC **A02**/MF **A01**

**NAS 1.60:2411**

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**NAS 1.60:2412**

Total Energy-Rate Feedback for Automatic Glide-Slope Tracking During Wind-Shear Penetration.
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**NAS 1.60:2413**

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N85-21120/9 **14**-*530,751* PC **A02**/MF **A01**

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Downwash in the Plane of Symmetry of an Elliptically Loaded Wing.
N85-15693/3 **10**-*520,942* PC **A03**/MF **A01**

**NAS 1.60:2415**

Ignition of Mixtures of SiH sub 4, CH sub 4, O sub 2, and Ar or N sub 2 Behind Reflected Shock Waves.
N85-22395/6 **15**-*535,142* PC **A02**/MF **A01**

**NAS 1.60:2416**

Relative Control Effectiveness Technique with Application to Airplane Control Coordination.
N85-23753/5 **17**-*537,034* PC **A02**/MF **A01**

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Flight-Measured Laminar Boundary-Layer Transition Phenomena Including Stability Theory Analysis.
N85-21118/3 **14**-*530,750* PC **A03**/MF **A01**

**NAS 1.60:2419**

Effect of Five Lubricants on Life of AISI 9310 Spur Gears.
N85-16099/2 **10**-*522,160* PC **A02**/MF **A01**

**NAS 1.60:2420**

Wind-Tunnel Evaluation of a 21-Percent-Scale Powered Model of a Prototype Advanced Scout Helicopter.
N85-28923/9 **21**-*547,194* PC **A05**/MF **A01**

**NAS 1.60:2421**

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Real-Time Multiprocessor Programming Language (RTMPL) User's Manual.
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Calibration of Sonic Valves for the Laminar Flow Control, Leading-Edge Flight Test.
N85-23707/1 **17**-*539,300* PC **A04**/MF **A01**

**NAS 1.60:2424**

Integrated Exhaust Gas Analysis System for Aircraft Turbine Engine Component Testing.
N85-16100/8 **10**-*522,487* PC **A03**/MF **A01**

**NAS 1.60:2425**

Evaluation and Comparison of Vertical Profile Data from the VISSR Atmospheric Sounder (VAS).
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N85-17596/6 **11**-*525,656* PC **A03**/MF **A01**

**NAS 1.60:2427**

Flight Investigation of Stall, Spin and Recovery Characteristics of a Low-Wing, Single-Engine, T-Tail Light Airplane.
N85-25248/4 **18**-*539,674* PC **A05**/MF **A01**

**NAS 1.60:2428**

Characteristic Vector Analysis of Inflection Ratio Spectra. New Technique for Analysis of Ocean Color Data.
N85-23237/9 **15**-*533,654* PC **A03**/MF **A01**

**NAS 1.60:2429**

Spectroscopic Analysis of Radiation-Generated Changes in Tensile Properties of a Polyetherimide Film.
N85-25435/7 **18**-*540,882* PC **A03**/MF **A01**

**NAS 1.60:2430**

Lee-Side Flow over delta Wings at Supersonic Speeds.
N85-29921/2 **22**-*549,276* PC **A08**/MF **A01**

**NAS 1.60:2431**

Low-Speed Stability and Control Wind-Tunnel Investigations of Effects of Spanwise Blowing on Fighter Flight Characteristics at High Angles of Attack.
N85-23708/9 **17**-*537,006* PC **A03**/MF **A01**

**NAS 1.60:2432**

Static Investigation of Several Yaw Vectoring Concepts on Nonaxisymmetric Nozzles.
N85-28924/7 **21**-*547,195* PC **A10**/MF **A01**

**NAS 1.60:2433**

Experimental and Theoretical Study of the Longitudinal Aerodynamic Characteristics of delta and Double-delta Wings at Mach Numbers of 1.60, 1.90, and 2.16.
N85-29922/0 **22**-*549,277* PC **A06**/MF **A01**

**NAS 1.60:2434**

Supersonic Aerodynamic Characteristics of Canard, Tailless, and Aft-Tail Configurations for 2 Wing Planforms.
N85-27822/4 **20**-*544,473* PC **A04**/MF **A01**

**NAS 1.60:2435**

Combustion Gas Properties. 2: Natural Gas Fuel and Dry Air.
N85-21168/8 **14**-*532,745* PC **A02**/MF **A01**

**NAS 1.60:2436**

Flow Through Very Porous Screens.
N85-20270/3 **14**-*532,575* PC **A02**/MF **A01**

**NAS 1.60:2437**

High-Voltage, High-Power, Solid-State Remote Power Controllers for Aerospace Applications.
N85-21263/7 **14**-*531,717* PC **A03**/MF **A01**

**NAS 1.60:2438**

Wind-Weighting for Sounding Rockets with a Telemetry System.
N85-21246/2 **14**-*530,935* PC **A02**/MF **A01**

**NAS 1.60:2439**

Nacelle/Pylon/Wing Integration on a Transport Model with a Natural Laminar Flow Nacelle.
N85-29924/6 **22**-*549,305* PC **A04**/MF **A01**

**NAS 1.60:2440**

Kinematic Rate Control of Simulated Robot Hand at or Near Wrist Singularity.
N85-27575/8 **19**-*543,621* PC **A03**/MF **A01**

**NAS 1.60:2441**

Effect of Low-Velocity or Ballistic Impact Damage on the Strength of Thin Composite and Aluminum Shear Panels.
N85-26924/9 **19**-*543,189* PC **A03**/MF **A01**

**NAS 1.60:2443**

Effects of Chromium and Aluminum on Mechanical and Oxidation Properties of Iron-Nickel-Base Superalloys Based on cg-27.
N85-21323/9 **14**-*531,876* PC **A03**/MF **A01**

**NAS 1.60:2444**

Effects of Propeller Rotation Direction on Airplane Interior Noise Levels.
N85-30767/6 **22**-*549,316* PC **A03**/MF **A01**

**NAS 1.60:2445**

Piloted Simulation of an Algorithm for Onboard Control of Time-Optimal Intercept.
N85-28949/4 **21**-*547,220* PC **A03**/MF **A01**

**NAS 1.60:2446**

Effect of Leading-Edge Load Constraints on the Design and Performance of Supersonic Wings.
N85-29923/8 **22**-*549,278* PC **A05**/MF **A01**

**NAS 1.60:2448**

New NASA/MSFC Mission Analysis Global Cloud Cover Data Base.
N85-21878/2 **14**-*530,942* PC **A02**/MF **A01**

**NAS 1.60:2449**

Humidity Effects on Adhesion of Nickel-Zinc Ferrite in Elastic Contact with Magnetic Tape and Itself.
N85-21359/3 **14**-*531,882* PC **A02**/MF **A01**

**NAS 1.60:2450**

Three-Dimensional Baroclinic Instability of a Hadley Cell for Small Richardson Number.
N85-20605/0 **14**-*530,934* PC **A03**/MF **A01**

**NAS 1.60:2453**

Monte Carlo Lattice Models for Adsorbed Polymer Conformation.

N85-24961/3 **17**-*537,701* PC **A02**/MF **A01**

**NAS 1.60:2454**

Intersection of Three-Dimensional Geometric Surfaces.

N85-31839/2 **23**-*552,816* PC **A03**/MF **A01**

**NAS 1.60:2455**

Cracked Orthotropic Sheet Stiffened by a Semi-Infinite Orthotropic Sheet.

N85-32339/2 **24**-*556,990* PC **A03**/MF **A01**

**NAS 1.60:2456**

Integral Representation of the Generalized Euler-Mascheroni Constants.

N85-23305/4 **15**-*534,105* PC **A02**/MF **A01**

**NAS 1.60:2458**

Image Compression Survey and Algorithm Switching Based on Scene Activity.

N85-33106/4 **26**-*560,690* PC **A02**/MF **A01**

**NAS 1.60:2459**

Electrochemical Study of the Corrosion Behavior of Primer Coated 2219-T87 Aluminum.

N85-22662/9 **15**-*534,034* PC **A03**/MF **A01**

**NAS 1.60:2460**

Flow Rate and Pressure Profiles for 1 to 4 Axially Alined Orifice Inlets.

N85-27165/8 **19**-*544,004* PC **A03**/MF **A01**

**NAS 1.60:2461**

Performance and Surge Limits of a TF30-p-3 Turbofan Engine/Axisymmetric Mixed-Compression Inlet Propulsion System at Mach 2.5.

N85-25261/7 **18**-*542,023* PC **A02**/MF **A01**

**NAS 1.60:2463**

Advanced Secondary Power System for Transport Aircraft.

N85-28944/5 **21**-*549,244* PC **A03**/MF **A01**

**NAS 1.60:2467**

Aerodynamic Characteristics of a Distinct Wing-Body Configuration at Mach 6: Experiment, Theory, and the Hypersonic Isolation Principle.

N85-33107/2 **26**-*559,977* PC **A03**/MF **A01**

**NAS 1.60:2468**

Exploratory Wind-Tunnel Investigation of a Wingtip-Mounted Vortex Turbine for Vortex Energy Recovery.

N85-26667/4 **19**-*542,068* PC **A02**/MF **A01**

**NAS 1.60:2469**

Adding Computationally Efficient Realism to Monte Carlo Turbulence Simulation.

N85-28708/4 **20**-*544,488* PC **A02**/MF **A01**

**NAS 1.60:2470**

Nonlinear Equations for Dynamics of Pretwisted BEAMS Undergoing Small Strains and Large Rotations.

N85-27258/1 **19**-*544,271* PC **A03**/MF **A01**

**NAS 1.60:2473**

Hertzian Contact in Two and Three Dimensions.

N85-32331/9 **24**-*556,989* PC **A03**/MF **A01**

**NAS 1.60:2474**

Critical Evaluation of Various Turbulence Models as Applied to Internal Fluid Flows.

N85-25757/4 **18**-*541,682* PC **A04**/MF **A01**

**NAS 1.60:2475**

Correlation of Predicted and Measured Sonic Boom Characteristics from the Reentry of Sts-1 Orbiter.

N85-29694/5 **21**-*549,269* PC **A03**/MF **A01**

**NAS 1.60:2476**

Formulation/Cure Technology for Ultrahigh Molecular Weight Silphenylene-Siloxane Polymers.

N85-26990/0 **19**-*543,249* PC **A02**/MF **A01**

**NAS 1.60:2477**

Combustion Gas Properties. Part 3: Hydrogen Gas Fuel and Dry Air.

N85-31058/9 **23**-*552,519* PC **A02**/MF **A01**

**NAS 1.60:2480**

Joint Design for Improved Fatigue Life of Diffusion-Bonded Box-Stiffened Panels.

N85-33537/0 **26**-*561,165* PC **A02**/MF **A01**

**NAS 1.60:2485**

Static and Dynamic Pressure Measurements on a NACA 0012 Airfoil in the Ames High Reynolds Number Facility.

N85-27823/2 **20**-*544,474* PC **A05**/MF **A01**

**NAS 1.60:2486**

Fluid Surface Behavior in Low Gravity. Center Discretionary Fund No. 83-21.

N85-28260/6 **20**-*546,505* PC **A03**/MF **A01**

**NAS 1.60:2487**

Formulation and Analysis of Combat Games.

N85-33745/9 **26**-*560,986* PC **A03**/MF **A01**

**NAS 1.60:2488**

Surface Roughness Effects in Elastohydrodynamic Contacts.

N85-32329/3 **24**-*555,794* PC **A02**/MF **A01**

**NAS 1.60:2489**

Convergence of Newton's Method for a Single Real Equation.

N85-28656/5 **20**-*545,572* PC **A02**/MF **A01**

**NAS 1.60:2493**

Simulation Studies of Time-Control Procedures for the Advanced Air Traffic Control System.

N85-32101/6 **24**-*556,222* PC **A02**/MF **A01**

**NAS 1.60:2494**

Recovery of Pyroshock Data from Distorted Acceleration Records.

N85-31141/3 **23**-*554,117* PC **A02**/MF **A01**

**NAS 1.60:2495**

Rapid Estimation of Concentration of Aromatic Classes in Middistillate Fuels by High-Performance Liquid Chromatography.

N85-31307/0 **23**-*554,486* PC **A02**/MF **A01**

**NAS 1.60:2496**

Effect of Speed and Press Fit on Fatigue Life of Roller-Bearing Inner-Race Contact.

N85-31511/7 **23**-*553,566* PC **A02**/MF **A01**

**NAS 1.60:2498**

Fuel-Rich Catalytic Combustion: A Soot-Free Technique for in Situ Hydrogen-Like Enrichment.

N85-31244/5 **23**-*554,334* PC **A02**/MF **A01**

**NAS 1.60:2500**

Mechanics of a Gaseous Film Barrier to Lubricant Wetting of Elastohydrodynamically Lubricated Conjunctions.

N85-32330/1 **24**-*555,795* PC **A02**/MF **A01**

**NAS 1.60:2507**

Procedure for Estimating Orbital Debris Risks.

N85-33169/2 **26**-*562,059* PC **A02**/MF **A01**

**NAS 1.61:1059-REV**

Space Transportation System and Associated Payloads: Glossary, Acronyms, and Abbreviations.

N85-19007/2 **13**-*530,720* PC **A14**/MF **A01**

**NAS 1.61:1089**

Formulation of Rotor-Airframe Coupling for Design Analysis of Vibrations of Helicopter Airframes.

N84-33832/6 **01**-*500,044* PC **A07**/MF **A01**

**NAS 1.61:1094**

Modeling the Internal Combustion Engine.

N85-19733/3 **13**-*530,686* PC **A14**/MF **A01**

**NAS 1.61:1120**

Solar Terrestrial Physics: Present and Future.

N84-34332/6 **01**-*500,195* PC **A25**/MF **A01**

**NAS 1.61:1122**

Procedures for Precap Visual Inspection.

N85-13156/3 **07**-*515,149* PC **A05**/MF **A01**

**NAS 1.61:1125**

Space Shuttle Wind Tunnel Testing Program.

N85-11127/6 **04**-*510,549* PC **A21**/MF **A01**

**NAS 1.61:1127**

Vibration, Acoustic, and Shock Design and Test Criteria for Components on the Solid Rocket Boosters (Srb), Lightweight External Tank (Lwt), and Space Shuttle Main Engines (Ssme).

N85-10405/7 **03**-*507,870* PC **A99**/MF **A01**

**NAS 1.61:1128**

Low-Frequency Sound Absorption Measurements in Air.

N85-11789/3 **04**-*510,164* PC **A03**/MF **A01**

**NAS 1.61:1129**

Stars: A General-Purpose Finite Element Computer Program for Analysis of Engineering Structures.

N85-11378/5 **04**-*509,823* PC **A04**/MF **A01**

**NAS 1.61:1131**

Engineering and Design Properties of Thallium-Doped Sodium Iodide and Selected Properties of Sodium-Doped Cesium Iodide.

N84-33613/0 **01**-*502,639* PC **A04**/MF **A01**

**NAS 1.61:1132**

Aeronautical Facilities Catalogue. Volume 1. Wind Tunnels.

N85-18991/8 **13**-*529,819* PC **A18**/MF **A01**

**NAS 1.61:1134**

Tables of Nuclear Cross Sections for Galactic Cosmic Rays: Absorption Cross Sections.

N85-27665/7 **19**-*542,202* PC **A03**/MF **A01**

**NAS 1.61:1135**

Energy Efficient Transport Technology: Program Summary and Bibliography.

N85-33116/3 **26**-*559,992* PC **A04**/MF **A01**

**NAS 1.61:1136**

Airborne Lidar Measurements of El Chichon Stratospheric Aerosols, October 1982 to November 1982.

N85-19550/1 **13**-*528,414* PC **A06**/MF **A01**

**NAS 1.61:1137**

Conclusion of Viking Lander Imaging Investigation: Picture Catalog of Experiment Data Record.

N85-21099/5 **14**-*530,877* PC **A08**/MF **A01**

**NAS 1.61:1138**

Identification of Dynamic Systems, Theory and Formulation.

N85-19784/6 **13**-*529,567* PC **A07**/MF **A01**

**NAS 1.61:1139**

Spectral Reflectances of Natural Targets for Use in Remote Sensing Studies.

N85-30450/9 **22**-*550,841* PC **A09**/MF **A01**

**NAS 1.61:1140**

SAM 2 Measurements of the Polar Stratospheric Aerosol, Volume 5.

N85-25970/3 **18**-*539,768* PC **A05**/MF **A01**

**NAS 1.61:1141**

SAM II Measurements of the Polar Stratospheric Aerosol. Volume 6. April to October 1981.

N85-27422/3 **19**-*542,230* PC **A05**/MF **A01**

**NAS 1.61:1142**

NASA/Aircraft Industry Standard Specification for Graphite Fiber Toughened Thermoset Resin Composite Material.

N85-26923/1 **19**-*543,188* PC **A04**/MF **A01**

**NAS 1.61:1147**

Submillimeter Local Oscillators for Spaceborne Heterodyne Applications.

N85-30005/1 **22**-*550,186* PC **A04**/MF **A01**

**NAS 1.71:MSC-20187-1**

Processing Circuit with Asymmetry Corrector and Convolutional Encoder for Digital Data.

N85-20249/7 **14**-*532,386* PC **A02**/MF **A01**

**NAS 1.174355**

Comparative Effects of Auxin and Abscisic Acid on Growth, Hydrogen Ion Efflux and Gravitropism in Primary Roots of Maize.

N85-18444/8 **12**-*526,375* PC **A02**/MF **A01**

**NASA-A-9646**

Mathematical Model of the UH-60 Helicopter.

AD-A145 899/1 **01**-*500,028* PC **A03**/MF **A01**

**NASA-A-9824**

Application of the ONERA (Office National d'Etudes et de Recherches Aerospatiales) Model of Dynamic Stall.

AD-A149 240/4 **08**-*515,723* PC **A04**/MF **A01**

**NASA-A-9833**

Nonlinear Equations for Dynamics of Pretwisted Beams Undergoing Small Strains and Large Rotations.

AD-A156 934/2 **22**-*551,751* PC **A03**/MF **A01**

**NASA-A-9877**

Status and Prospects of Computational Fluid Dynamics for Unsteady Transonic Viscous Flows.

AD-A150 362/2 **10**-*522,938* PC **A03**/MF **A01**

**NASA-A-85141**

Effects of Side-Stick Controllers on Rotorcraft Handling Qualities for Terrain Flight.

AD-A155 061/5 **18**-*539,684* PC **A02**/MF **A01**

**NASA-A-85147**

Reconstruction of a Three-Dimensional Transonic Rotor Flow Field from Holographical Interferogram Data.

AD-A152 617/7 **14**-*532,568* PC **A03**/MF **A01**

**NASA-CASE-ARC-11424-1**

Metal (11) 4,4',4'',4'''-Phthalocyanine Tetraamines as Curing Agents for Epoxy Resins.

PAT-APPL-6-598 777 **15**-*534,060* PC **A02**/MF **A01**

**NASA-CASE-ARC-11512-2**

Fire Resistant Polymers Based on 1-(Diorgano Oxyphosphonyl)Methyl-2,4- and 2,6-Diamino Benzenes.

PAT-APPL-6-641 153 **15**-*534,062* PC **A02**/MF **A01**

**NASA-CASE-ARC-11522-2**

Fire-Resistant Phosphorus Containing Compounds, Polyimides and Copolyimides.

PAT-APPL-6-641 143 **15**-*533,472* PC **A02**/MF **A01**

**NASA-CASE-ARC-11533-1**

Fire and Heat Resistant Laminating Resins Based on Maleimido and Citraconimido Substituted 1-(Diorgano Oxyphosphonyl)Methyl-2,4- and 2,6-Diaminobenzenes.

PAT-APPL-6-641 147 **15**-*534,061* PC **A03**/MF **A01**

**NASA-CASE-ARC-11534-1**

Shoulder and Hip Joint for Hard Space Suits and the Like.

PAT-APPL-6-642 602 **01**-*500,833* PC **A02**/MF **A01**

**NASA-CASE-ARC-11536-1**

LDV(Lase Doppler Velocimeter) Multiplexer Interface.

PAT-APPL-6-725 714 **24**-*556,211* PC **A03**/MF **A01**

**NASA-CASE-ARC-11538-1-SB**

High Performance Mixed Bisimide Resins and Composites Based Thereon.

PAT-APPL-6-719 796 **24**-*555,727* PC **A02**/MF **A01**

**NASA-CASE-ARC-11543-1**

Shoulder and Hip Joint for Hard Space Suits and the Like.

PAT-APPL-6-684 192 **15**-*533,409* PC **A02**/MF **A01**

**NASA-CASE-ARC-11547-1**

Projection Lens Scanning Laser Velocimeter System.

PAT-APPL-6-692 745 **13**-*529,830* PC **A02**/MF **A01**

**NASA-CASE-ARC-11610-1**

Elbow and Knee Joint for Hard Space Suits and the Like.

PAT-APPL-6-684 190 **13**-*528,796* PC **A02**/MF **A01**

**NASA-CASE-ARC-11613-1**

Electro-Expulsive Separation System.

PAT-APPL-6-739 792 **22**-*549,319* PC **A04**/MF **A01**

**NASA-CASE-ARC-11615-1-SB**

Light Weight Fire Resistant Graphite Composites.

PAT-APPL-6-706 682 **22**-*550,412* PC **A03**/MF **A01**

**NASA-CASE-ARC-11616-1**
Torso Sizing Ring Construction for Hard Space Suit.
PAT-APPL-6-684 193 **15**-*533,410* PC **A02**/MF **A01**

**NASA-CASE-GSC-12825-1**
Wide-Angle Flat Field Telescope.
PAT-APPL-6-698 641 **13**-*530,350* PC **A02**/MF **A01**

**NASA-CASE-GSC-12892-1**
Improved Legislated Emergency Locating Transmitters and Emergency Position Indicating Radio Beacons.
PAT-APPL-6-655 606 **13**-*529,932* PC **A02**/MF **A01**

**NASA-CASE-GSC-12958-1**
Temperature Sensitive Oscillator.
PAT-APPL-6-727 035 **24**-*555,591* PC **A02**/MF **A01**

**NASA-CASE-KSC-11285-1**
Method and Apparatus for Operating on Companded PCM (Pulse Code Modulation) Voice Data.
PAT-APPL-6-655 601 **22**-*550,933* PC **A02**/MF **A01**

**NASA-CASE-LAR-12518-1**
Aircraft Liftmeter.
PAT-APPL-6-578 388 **01**-*500,054* PC **A02**/MF **A01**

**NASA-CASE-LAR-12871-1**
Flow Through Bacteria Detection System.
PAT-APPL-6-719 797 **22**-*549,723* PC **A02**/MF **A01**

**NASA-CASE-LAR-13094-1**
Oscillating Pressure Device for Dynamic Calibration of Pressure Transducers.
PAT-APPL-6-711 551 **22**-*550,842* PC **A02**/MF **A01**

**NASA-CASE-LAR-13134-1**
Over the Wing Propeller.
PAT-APPL-6-661 478 **13**-*528,323* PC **A02**/MF **A01**

**NASA-CASE-LAR-13135-1**
Melt-Flow-Toughness Modified Polyimide.
PAT-APPL-6-649 328 **03**-*505,890* PC **A02**/MF **A01**

**NASA-CASE-LAR-13147-1**
Volumetric Fuel Quantity Gauge.
PAT-APPL-6-643 523 **01**-*501,986* PC **A02**/MF **A01**

**NASA-CASE-LAR-13150-1**
Lightweight Piston.
PAT-APPL-6-729 767 **22**-*551,844* PC **A02**/MF **A01**

**NASA-CASE-LAR-13151-1**
Comparator with Noise Suppression.
PAT-APPL-6-683 101 **13**-*529,254* PC **A02**/MF **A01**

**NASA-CASE-LAR-13173-1**
Remote Pivot Decouplor Pylon: Wing/Store Suppression.
PAT-APPL-6-690 274 **13**-*528,324* PC **A02**/MF **A01**

**NASA-CASE-LAR-13198-1**
Fully Redundant Mechanical Release Actuator.
PAT-APPL-6-729 704 **22**-*551,871* PC **A02**/MF **A01**

**NASA-CASE-LAR-13220-1**
Technique for Measuring Gas Conversion Factors.
PAT-APPL-6-633 179 **01**-*501,985* PC **A02**/MF **A01**

**NASA-CASE-LAR-13233-1**
Helicopter Anti-Torque System Using Strakes.
PAT-APPL-6-649 329 **02**-*502,797* PC **A02**/MF **A01**

**NASA-CASE-LAR-13254-1**
Nebulization Reflux Concentrator.
PAT-APPL-6-668 432 **13**-*528,918* PC **A02**/MF **A01**

**NASA-CASE-LAR-13257-1**
System for Controlling the Oxygen Content of a Gas Produced by Combustion.
PAT-APPL-6-633 178 **01**-*502,657* PC **A02**/MF **A01**

**NASA-CASE-LAR-13268-1**
Vibration-Free Raman Doppler Velocimeter.
PAT-APPL-6-727 034 **22**-*550,844* PC **A02**/MF **A01**

**NASA-CASE-LAR-13270-1**
Structural Pressure Sensitive Silicone Adhesives.
PAT-APPL-6-569 536 **01**-*501,498* PC **A02**/MF **A01**

**NASA-CASE-LAR-13286-1**
Combined Riblet and Lebu Drag Reduction System.
PAT-APPL-6-686 959 **22**-*549,286* PC **A02**/MF **A01**

**NASA-CASE-LAR-13294-1**
Two-Axis, Self-Nulling Skin Friction Balance.
PAT-APPL-6-706 681 **15**-*534,379* PC **A02**/MF **A01**

**NASA-CASE-LAR-13310-1**
Double Reference Pulsed Phase Locked Loop (Drp-2L-2).
PAT-APPL-6-709 257 **15**-*533,857* PC **A02**/MF **A01**

**NASA-CASE-LAR-13342-1**
Liquid Thickness Gage.
PAT-APPL-6-684 186 **13**-*529,829* PC **A02**/MF **A01**

**NASA-CASE-LAR-13351-1**
Process for Preparing Highly Optically Transparent-Colorless Armomatic Polyimide Film.
PAT-APPL-6-643 589 **15**-*533,989* PC **A02**/MF **A01**

**NASA-CASE-LAR-13353-1**
Process for Preparing Essentially Colorless Polyimide Film Containing Phenoxy-Linked Diamines.
PAT-APPL-6-643 524 **13**-*529,446* PC **A02**/MF **A01**

**NASA-CASE-LEW-13773-2**
Piezoelectric Deicing Device.
PAT-APPL-6-638 541 **01**-*500,046* PC **A02**/MF **A01**

**NASA-CASE-LEW-13837-3**
Apparatus for Producing Diamond-Like Carbon Flakes.
PAT-APPL-6-668 433 **13**-*528,919* PC **A02**/MF **A01**

**NASA-CASE-LEW-13935-1**
Precision Tunable Resonant Microwave Cavity.
PAT-APPL-6-700 255 **13**-*530,579* PC **A02**/MF **A01**

**NASA-CASE-LEW-14028-1**
Negative Electrode Catalyst for the Iron-Chromium Redox Energy Storage System.
PAT-APPL-6-642 310 **01**-*501,496* PC **A02**/MF **A01**

**NASA-CASE-LEW-14037-1**
Improved Heat Exchanger for Electrothermal Devices.
PAT-APPL-6-636 463 **01**-*502,659* PC **A02**/MF **A01**

**NASA-CASE-LEW-14057-1**
Improved Thermal Barrier Coating System.
PAT-APPL-6-640 712 **02**-*504,041* PC **A02**/MF **A01**

**NASA-CASE-LEW-14072-1**
Oxidation Protection Coatings for Polymers.
PAT-APPL-6-649 330 **13**-*529,447* PC **A02**/MF **A01**

**NASA-CASE-LEW-14104-1**
Ion-Beam Nitriding of Steels.
PAT-APPL-6-661 481 **15**-*534,259* PC **A02**/MF **A01**

**NASA-CASE-LEW-14108-1**
Apparatus for Mounting a Field Emission Cathode.
PAT-APPL-6-732 321 **22**-*550,188* PC **A02**/MF **A01**

**NASA-CASE-LEW-14130-1**
Textured Carbon Surfaces on Copper.
PAT-APPL-6-659 475 **13**-*529,448* PC **A02**/MF **A01**

**NASA-CASE-LEW-14170-1**
Variable Friction Secondary Seal for Face Seals.
PAT-APPL-6-672 224 **13**-*529,421* PC **A02**/MF **A01**

**NASA-CASE-LEW-14177-1**
Lithium Counterdoped Silicon Solar Cell.
PAT-APPL-6-669 140 **13**-*529,401* PC **A02**/MF **A01**

**NASA-CASE-MFG-25989-1**
Low Loss Injector for Liquid Propellant Rocket Engines.
PAT-APPL-6-690 273 **13**-*530,694* PC **A02**/MF **A01**

**NASA-CASE-MFS-25825-1**
Angular Measurement System.
PAT-APPL-6-657 309 **13**-*529,825* PC **A02**/MF **A01**

**NASA-CASE-MFS-25842-2**
Damping Seal for Turbomachinery.
PAT-APPL-6-669 287 **24**-*555,699* PC **A02**/MF **A01**

**NASA-CASE-MFS-25868-1**
Measurement Amplifier.
PAT-APPL-6-638 584 **01**-*501,349* PC **A02**/MF **A01**

**NASA-CASE-MFS-25905-2**
Containerless High Purity Pulling Process and Apparatus for Glass Fibers.
PAT-APPL-6-601 130 **01**-*501,891* PC **A02**/MF **A01**

**NASA-CASE-MFS-25962-1**
Warm Fog Dissipation Using Large Volume Water Sprays.
PAT-APPL-6-633 180 **01**-*500,061* PC **A02**/MF **A01**

**NASA-CASE-MFS-25964-1**
Tube Coupling Device.
PAT-APPL-6-692 801 **13**-*529,706* PC **A02**/MF **A01**

**NASA-CASE-MFS-25966-1**
Magnetic Spin Reduction System for Free Spinning Objects.
PAT-APPL-6-643 522 **04**-*510,554* PC **A02**/MF **A01**

**NASA-CASE-MFS-25978-1**
Bi-Directional Control System for Energy Flow in a Solar Powered Flywheel.
PAT-APPL-6-636 459 **01**-*501,495* PC **A02**/MF **A01**

**NASA-CASE-MFS-25981-1**
Emitted Vibration Measurement Device and Method.
PAT-APPL-6-657 310 **13**-*529,826* PC **A02**/MF **A01**

**NASA-CASE-MFS-26011-1SB**
Photorefractor Ocular Screening System.
PAT-APPL-6-655 605 **13**-*528,799* PC **A02**/MF **A01**

**NASA-CASE-MFS-28001-1**
Alignment and Assembly Tool for Very Large Diameter Cylinders.
PAT-APPL-6-739 788 **22**-*550,783* PC **A02**/MF **A01**

**NASA-CASE-MFS-28008-1**
Adjustable Indicating Device for Load Position.
PAT-APPL-6-684 194 **13**-*530,730* PC **A02**/MF **A01**

**NASA-CASE-MFS-28030-1**
Improved Fluid Flow Meter for Measuring the Rate of Fluid Flow in a Conduit.
PAT-APPL-6-719 799 **24**-*556,151* PC **A02**/MF **A01**

**NASA-CASE-MFS-28057-1**
Double Window Viewing Chamber Assembly.
PAT-APPL-6-729 766 **22**-*550,845* PC **A02**/MF **A01**

**NASA-CASE-MFS-28059-1**
Remotely Operable Peristaltic Pump.
PAT-APPL-6-709 255 **22**-*550,802* PC **A02**/MF **A01**

**NASA-CASE-MFS-28060-1**
Laser Schlieren Crystal Monitor.
PAT-APPL-6-706 565 **24**-*556,150* PC **A02**/MF **A01**

**NASA-CASE-MSC-20148-1**
Linear Motion Valve.
PAT-APPL-6-636 465 **01**-*501,912* PC **A02**/MF **A01**

**NASA-CASE-MSC-20187-1**
Processing Circuit with Asymmetry Corrector and Convolutional Encoder for Digital Data.
N85-20249/7 **14**-*532,386* PC **A02**/MF **A01**

**NASA-CASE-MSC-20475-1**
Non-Backdriveable Free Wheeling Coupling.
PAT-APPL-6-725 689 **22**-*550,782* PC **A02**/MF **A01**

**NASA-CASE-MSC-20497-1**
Improved Monogroove Heat Pipe Design: Insulated Liquid Channel with Bridging Wick.
PAT-APPL-6-615 505 **03**-*506,615* PC **A02**/MF **A01**

**NASA-CASE-MSC-20635-1**
Foldable Self-Erecting Joint.
PAT-APPL-6-588 039 **01**-*501,841* PC **A02**/MF **A01**

**NASA-CASE-MSC-20653-1**
Solid Sorbent Air Sampler.
PAT-APPL-6-659 474 **13**-*529,827* PC **A02**/MF **A01**

**NASA-CASE-MSC-20812-1**
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PAT-APPL-6-616 002 **01**-*501,703* PC **A02**/MF **A01**

**NASA-CASE-NPO-15419-2**
Stable Density Stratification Solar Pond.
PAT-APPL-6-542 557 **01**-*501,494* PC **A02**/MF **A01**

**NASA-CASE-NPO-15800-2**
Total Immersion Crystal Growth.
PAT-APPL-6-674 395 **15**-*534,742* PC **A02**/MF **A01**

**NASA-CASE-NPO-15813-2**
Method for Growing Low Defect, High Purity Crystalline Layers.
PAT-APPL-6-706 564 **24**-*556,608* PC **A02**/MF **A01**

**NASA-CASE-NPO-15982-1**
Reed-Solomon Decoder.
PAT-APPL-6-673 685 **13**-*529,933* PC **A03**/MF **A01**

**NASA-CASE-NPO-16045-1**
FET Charge Sensor and Voltage Probe.
PAT-APPL-6-641 146 **01**-*501,350* PC **A02**/MF **A01**

**NASA-CASE-NPO-16061-1-CU**
Generation of Intense Negative Ion Beams.
PAT-APPL-6-729 768 **22**-*551,504* PC **A02**/MF **A01**

**NASA-CASE-NPO-16087-1**
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PAT-APPL-6-725 726 **22**-*550,751* PC **A02**/MF **A01**

**NASA-CASE-NPO-16103-1**
Stabilized Unsaturated Polyesters.
PAT-APPL-6-617 871 **01**-*501,079* PC **A02**/MF **A01**

**NASA-CASE-NPO-16126-1**
New Solar Cell Design for Improved Open Circuit Voltage and High Efficiency.
PAT-APPL-6-612 990 **01**-*501,475* PC **A02**/MF **A01**

**NASA-CASE-NPO-16256-1**
Synchronization Tracking in Pulse Position Modulation Receiver.
PAT-APPL-6-638 586 **01**-*502,095* PC **A02**/MF **A01**

**NASA-CASE-NPO-16294-1**
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PAT-APPL-6-638 585 **01**-*502,419* PC **A02**/MF **A01**

**NASA-CASE-NPO-16299-1**
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PAT-APPL-6-541 526 **13**-*529,253* PC **A02**/MF **A01**

**NASA-CASE-NPO-16306-1-CU**
Ribbon Growing Method and Apparatus.
PAT-APPL-6-719 798 **24**-*555,254* PC **A02**/MF **A01**

**NASA-CASE-NPO-16321-1**
Improvements in Tank Tread Assemblies.
PAT-APPL-6-692 802 **22**-*550,729* PC **A02**/MF **A01**

**NASA-CASE-NPO-16336-1-CU**
Improved Silicon Grinding Method and Apparatus.
PAT-APPL-6-676 163 **15**-*534,260* PC **A02**/MF **A01**

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**NASA-CASE-NPO-16392-1**
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PAT-APPL-6-633 363 **01**-*500,937* PC **A02**/MF **A01**

**NASA-CASE-NPO-16393-1-CU**
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System Software for the Finite Element Machine.
N85-18622/9 **12**-*526,932* PC **A03**/MF **A01**

**NASA-CR-3871**
Accelerated Viscoelastic Characterization of T300-5208 Graphite-Epoxy Laminates.
N85-21271/0 **14**-*531,845* PC **A11**/MF **A01**

**NASA-CR-3872**
Resistance Fail Strain Gage Technology as Applied to Composite Materials.
N85-19024/7 **13**-*529,460* PC **A03**/MF **A01**

**NASA-CR-3873**
Corrections for Attached Sidewall Boundary-Layer Effects in 2-Dimensional Airfoil Testing.
N85-17997/6 **12**-*525,854* PC **A03**/MF **A01**

**NASA-CR-3874**
Test Results from a Comparative Evaluation of a Condensation Nuclei Fire Detector.
N85-21675/2 **14**-*532,223* PC **A04**/MF **A01**

**NASA-CR-3876**
Theoretical Studies of the Ignition and Combustion of Silane-Hydrogen-Air Mixtures.
N85-19032/0 **13**-*530,573* PC **A03**/MF **A01**

**NASA-CR-3877**
Stress Waves in an Isotropic Elastic Plate Excited by a Circular Transducer.
N85-20390/9 **14**-*532,263* PC **A04**/MF **A01**

**NASA-CR-3878**
Theory of Post-Stall Transients in Multistage Axial Compression Systems.
N85-21117/5 **14**-*532,842* PC **A06**/MF **A01**

**NASA-CR-3881**
Longitudinal Splitting in Unidirectional Composites, Analysis and Experiments.
N85-22639/7 **15**-*534,006* PC **A06**/MF **A01**

**NASA-CR-3882**
Propeller Propulsion System Integration: State of Technology Survey.
N85-21119/1 **14**-*530,775* PC **A09**/MF **A01**

**NASA-CR-3884**
Numerical Study of Large-Eddy Breakup and Its Effect on the Drag Characteristics of Boundary Layers.
N85-21272/8 **14**-*532,584* PC **A05**/MF **A01**

**NASA-CR-3885**
Computations of Two-Dimensional Airfoil-Vortex Interactions.
N85-23709/7 **17**-*537,007* PC **A05**/MF **A01**

**NASA-CR-3886**
Research Opportunities in Human Behavior and Performances.
N85-23299/9 **15**-*533,193* PC **A05**/MF **A01**

**NASA-CR-3887**
Method for the Prediction of the Installation Aerodynamics of a Propfan at Subsonic Speeds.
N85-22369/1 **15**-*533,830* PC **A06**/MF **A01**

**NASA-CR-3888**
Research on the Effect of Noise at Different Times of Day: Models, Methods and Findings.
N85-23375/7 **15**-*534,726* PC **A05**/MF **A01**

**NASA-CR-3889**
Design of Multivariable Feedback Control Systems Via Spectral Assignment Using Reduced-Order Models and Reduced-Order Observers.
N85-23800/4 **17**-*538,325* PC **A07**/MF **A01**

**NASA-CR-3890**
IPAD: Integrated Programs for Aerospace-Vehicle Design.
N85-26221/0 **18**-*539,679* PC **A03**/MF **A01**

**NASA-CR-3891**
Technology for Pressure-Instrumented Thin Airfoil Models, Phase 1.
N85-23804/6 **17**-*538,706* PC **A04**/MF **A01**

**NASA-CR-3892**
Contribution of Tonal Components to the Overall Loudness, Annoyance and Noisiness of Noise: Relation Between Single Tones and Noise Spectral Shape.
N85-26317/6 **18**-*541,648* PC **A07**/MF **A01**

**NASA-CR-3895**
Investigation of Technology Needs for Avoiding Helicopter Pilot Error Related Accidents.
N85-25220/3 **18**-*539,660* PC **A04**/MF **A01**

**NASA-CR-3898**
Convective Storm Downdraft Outflows Detected by NASA/MSFC's Airborne 10.6 Micron Pulsed Doppler Lidar System.
N85-28511/2 **20**-*544,612* PC **A03**/MF **A01**

**NASA-CR-3899**
Calculation of Steady and Unsteady Airfoil Flow Fields Via the Navier-Stokes Equations.
N85-33105/6 **26**-*559,976* PC **A06**/MF **A01**

**NASA-CR-3900**
Study on Needs for a Magnetic Suspension System Operating with a Transonic Wind Tunnel.
N85-26759/9 **19**-*543,685* PC **A06**/MF **A01**

**NASA-CR-3901**
Analysis of the NASA/MSFC Airborne Doppler Lidar Results from San Gorgonio Pass, California.
N85-27463/7 **19**-*542,265* PC **A04**/MF **A01**

**NASA-CR-3903**
Investigation of Superlattice Device Structures.
N85-29152/4 **21**-*549,010* PC **A05**/MF **A01**

**NASA-CR-3904**
Ultrasonic Testing of Plates Containing Edge Cracks.
N85-29307/4 **21**-*548,690* PC **A03**/MF **A01**

**NASA-CR-3905**
Excitation of Turbulence by Density Waves.
N85-30546/4 **22**-*549,435* PC **A04**/MF **A01**

**NASA-CR-3907**
Use of Moments of Momentum to Account for Crystal Habits.
N85-31232/0 **23**-*554,167* PC **A03**/MF **A01**

**NASA-CR-3908**
Error-Dependent Model of Instrument-Scanning Behavior in Commercial Airline Pilots.
N85-32765/8 **24**-*554,912* PC **A09**/MF **A01**

**NASA-CR-3909**
Exponential Order Statistic Models of Software Reliability Growth.
N85-31852/5 **23**-*552,819* PC **A05**/MF **A01**

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N84-33403/6 **01**-*500,041* PC **A16**/MF **A01**

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N85-11225/8 **04**-*509,432* PC **A02**/MF **A01**

**NASA-CR-165558**
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**NASA-CR-165849**
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AD-A158 802/9 **25**-*557,222* PC **A12**/MF **A01**

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Applications of Aerospace Technology in Biology and Medicine.
N85-11521/0 **04**-*508,529* PC **A07**/MF **A01**

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Hybrid Laminar Flow Control Study.
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**NASA-CR-166604**
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Results of Tests of Advanced Flexible Insulation Vortex and Flow Environments in the North American Aerodynamics Laboratory Lowspeed Wind Tunnel Using 0.0405-Scale Space Shuttle Orbiter Model 16-0 (Test Oa-309).
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Results of the AFRSI Rewaterproofing Systems Screening Test in the NASA/Ames Research Center (Arc) 2 X 2-Foot Transonic Wind Tunnel.
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Results of a M = 5.3 Heat Transfer Test of the Integrated Vehicle Using Phase-Change Paint Techniques on the 0.0175-Scale Model 56-OtS in the NASA/Ames Research Center 3.5-Foot Hypersonic Wind Tunnel.
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Thermal Traction Contact Performance Evaluation under Fully Flooded and Starved Conditions.
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**NASA-CR-168189**
Energy Efficient Engine High-Pressure Turbine Component Rig Performance Test Report.
N85-29955/0 **22**-*551,832* PC **A11**/MF **A01**

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**NASA-CR-168223**
Preparation and Evaluation of Advanced Catalysts for Phosphoric Acid Fuel Cells.
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N85-11421/3 **04**-*509,005* PC **A09**/MF **A01**

**NASA-CR-168566**
Utilizacao de Imagens Orbitais LANDSAT para Levantamento de Solos No Estado do Rio Grande do Norte (Utilization of LANDSAT Orbital Imagery in the Soil Survey Processes at Rio Grande do Norte State).
N85-11422/1 **04**-*508,913* PC **A03**/MF **A01**

**NASA-CR-168567**
Sensoriamento Remoto como Tecnica de Prospeccao Mineral (Remote Sensing as a Mineral Prospecting Technique).
N85-11423/9 **04**-*509,006* PC **A02**/MF **A01**

**NASA-CR-168568**
Relatorio Executivo: Resultados do Projeto Experimental IRGA-CNPQ/INPE (Executive Report: Results of the IRGA-CNPQ/INPE Experimental Project).
N85-11424/7 **04**-*507,979* PC **A04**/MF **A01**

**NASA-CR-168569**
Sensores Remotos em Levantamentos Florestais (Remote Sensing Applied to Forest Resources).
N85-11425/4 **04**-*507,996* PC **A03**/MF **A01**

**NASA-CR-168570**
Relatorio do Curso de Treinamento de Fortaleza (Ceara) (A Report on the Training Course at Fortaleza (Ceara)).
N85-11426/2 **04**-*508,361* PC **A03**/MF **A01**

**NASA-CR-168571**
Sistema para Gerenciamento do Atendimento de Pedidos a um Banco de Imagens (A System for the Management of Requests at an Image Data Bank).
N85-11427/0 **04**-*509,116* PC **A08**/MF **A01**

**NASA-CR-168572**
Recursos Hidricos por Sensoriamento Remoto Orbital: Exemplos de Aplicacoes (Water Resources by Orbital Remote Sensing: Examples of Applications).
N85-11428/8 **04**-*508,945* PC **A03**/MF **A01**

**NASA-CR-168573**
Principios Basicos, Metodologias e Aplicacoes de Sensoriamento Remoto na Agricultura (Basic Principles, Methodology, and Applications of Remote Sensing in Agriculture).
N85-11429/6 **04**-*507,980* PC **A04**/MF **A01**

**NASA-CR-168574**
Mapeamento da Alteracao do Uso do Solo na Regiao Carbonifera de Santa Catarina - Relatorio 2 (Mapping Land Use Changes in the Carboniferous Region of Santa Catarina, Report 2).
N85-11430/4 **04**-*508,893* PC **A03**/MF **A01**

**NASA-CR-168575**
Desenvolvimento e Teste de um Sistema de Fiscali Zacao das Operacoes de Credito Agricola AO Nivel de Municipio E de Propriedades Agricolas Utilizando Tecnicas de Sensoriamento Remoto (Development and Testing of a Rural Credit Supervision System at the Level of Counties and Rural Properties Utilizing Remote Sensing Techniqes).
N85-11431/2 **04**-*508,894* PC **A06**/MF **A01**

**NASA-CR-168576**
Active Microwave Measurements of Sea Ice under Fall Conditions: The Radarsat/Firex Fall Experiment.
N85-11432/0 **04**-*509,024* PC **A05**/MF **A01**

**NASA-CR-169496**
Energy Efficient Engine Component Development and Integration Program.
N85-10989/0 **04**-*510,526* PC **A15**/MF **A01**

**NASA-CR-169497**
Integrated Technology Wing Study (Oral Presentation).
N85-15718/8 **10**-*52[illegible] 967* PC **A09**/MF **A01**

**NASA-CR-170034**
Energy Efficient Engine Component Development and Integration Program.
N85-10990/8 **04**-*510,527* PC **A15**/MF **A01**

**NASA-CR-170396**
Analytical Redundancy Management Mechanization and Flight Data Analysis for the F-8 Digital Fly-by-Wire Aircraft Flight Control Sensors.
N85-14844/3 **09**-*518,355* PC **A04**/MF **A01**

**NASA-CR-170417**
Model Reduction for Control System Design.
N85-22398/0 **15**-*534,104* PC **A14**/MF **A01**

**NASA-CR-170419**
Flying Qualities and Control System Characteristics for Superaugmented Aircraft.
N85-13800/6 **08**-*515,749* PC **A06**/MF **A01**

**NASA-CR-170615**
Results of Data Base Management System Parameterized Performance Testing Related to GSFC Scientific Applications.
N85-17741/8 **11**-*523,470* PC **A11**/MF **A01**

**NASA-CR-170628**
Active Regions.
N85-11965/9 **04**-*508,033* PC **A02**/MF **A01**

**NASA-CR-170759**
DDL System: Design Systhesis of Digital Systems.
N85-18584/1 **12**-*526,930* PC **A06**/MF **A01**

**NASA-CR-170765**
Electron Lithography STAR Design Guidelines. Part 1: The Star User Design Manual.
N85-31840/0 **23**-*552,757* PC **A08**/MF **A01**

**NASA-CR-170766**
Electron Lithography STAR Design Guidelines. Part 2: The Design of a STAR for Space Applications.
N85-31841/8 **23**-*552,758* PC **A11**/MF **A01**

**NASA-CR-170767**
Electron Lithography STAR Design Guidelines. Part 3: The Mosaic Transistor Array Applied to Custom Microprocessors. Part 4: Stores Logic Arrays, SLAS Implemented with Clocked CMOS.
N85-31842/6 **23**-*552,759* PC **A06**/MF **A01**

**NASA-CR-171092**
Materials Properties, Loads, and Stress Analysis, Spartan REM: Appendix A.
N85-11375/1 **04**-*509,737* PC **A06**/MF **A01**

**NASA-CR-171093**
Computer Models and Output, Spartan REM: Appendix B.
N85-11376/9 **04**-*509,738* PC **A99**/MF **A01**

**NASA-CR-171144**
Influence of Containerless Undercooling and Rapid Solid-State Quenching on the Superconductive and Magnetic Properties of Some Clustering Alloy Systems.
N84-33566/0 **01**-*501,552* PC **A02**/MF **A01**

**NASA-CR-171147**
Research Study for Effects of Case Flexibility on Bearing Loads and Rotor Stability.
N84-33811/0 **01**-*501,851* PC **A12**/MF **A01**

**NASA-CR-171148**
Analysis and Selection of a Remote Docking Simulation Visual Display System.
N84-33432/5 **01**-*500,510* PC **A03**/MF **A01**

**NASA-CR-171152**
Pinhole/Coronograph Pointing Control System Integration and Noise Reduction Analysis.
N84-33773/2 **01**-*501,975* PC **A15**/MF **A01**

**NASA-CR-171153**
Development of Robotics Facility Docking Test Hardware.
N84-33433/3 **01**-*502,762* PC **A06**/MF **A01**

**NASA-CR-171156**
Advanced X-Ray Astrophysics Facility (AXAF).
N84-33434/1 **01**-*500,131* PC **A02**/MF **A01**

# 1985 NTIS ORDER/REPORT NUMBER INDEX

**NASA-CR-171157**
Plasma and Magnetospheric Research.
N84-34275/7 **01**-*500,194* PC **A02**/MF **A01**

**NASA-CR-171158**
Ground Test Article for Deployable Space Structure Systems.
N84-34457/1 **02**-*505,236* PC **A02**/MF **A01**

**NASA-CR-171162**
Review of LOX Bearing and Seal Materials Tester (BSMT) Radial Load System.
N84-33810/2 **01**-*501,978* PC **A05**/MF **A01**

**NASA-CR-171163**
Surface Analysis of Space Telescope Material Specimens.
N84-34351/6 **01**-*500,121* PC **A04**/MF **A01**

**NASA-CR-171170**
Rotordynamic Analysis of the Ssme Turbopumps Using Reduced Models.
N85-10355/4 **03**-*507,868* PC **A04**/MF **A01**

**NASA-CR171176**
Research Study: Studies in Atmospheric Processes from Space Platforms.
N85-10473/5 **03**-*505,415* PC **A02**/MF **A01**

**NASA-CR-171177**
Retardation Analytical Model to Extend Service Life.
N85-10376/0 **03**-*507,869* PC **A02**/MF **A01**

**NASA-CR-171178**
Processing and Display of Atmospheric Phenomena Data.
N85-10475/0 **03**-*505,416* PC **A02**/MF **A01**

**NASA-CR-171179**
PDSS/IMC Cis User's Guide.
N85-10682/1 **03**-*507,864* PC **A06**/MF **A01**

**NASA-CR-171181**
Exploratory Investigation of the Need for and Feasibility of a Lower Atmosphere Research Satellite (LARS) Program.
N85-10091/5 **03**-*507,863* PC **A03**/MF **A01**

**NASA-CR-171182**
Modular Design Attitude Control System.
N85-10098/0 **03**-*507,866* PC **A05**/MF **A01**

**NASA-CR-171183**
Study of Proton and Neutron Activation of Metal Samples in Low Earth Orbit.
N85-10164/0 **03**-*507,604* PC **A02**/MF **A01**

**NASA-CR-171195**
Proceedings of a Workshop on Applications of Tethers in Space, Executive Summary.
N85-12075/6 **06**-*514,300* PC **A04**/MF **A01**

**NASA-CR-171196**
Proceedings of a Workshop on the Applications of Tethers in Space, Volume 1.
N85-12076/4 **06**-*514,301* PC **A13**/MF **A01**

**NASA-CR-171197**
Proceedings of a Workshop on Applications of Tethers in Space, Volume 2.
N85-12077/2 **06**-*514,302* PC **A14**/MF **A01**

**NASA-CR-171199**
Methane Heat Transfer Investigation.
N85-12318/0 **06**-*514,298* PC **A02**/MF **A01**

**NASA-CR-171201**
Large-Diameter Astromast Development.
N85-12200/0 **06**-*514,308* PC **A03**/MF **A01**

**NASA-CR-171204**
Non-Intrusive Speed Sensor.
N85-12331/3 **06**-*514,311* PC **A04**/MF **A01**

**NASA-CR-171208**
Definition of Ground Test for Verification of Large Space Structure Control.
N85-13838/6 **08**-*518,310* PC **A08**/MF **A01**

**NASA-CR-171209**
Definition of Technology Development Missions for Early Space Stations: Large Space Structures.
N85-12084/8 **06**-*514,306* PC **A06**/MF **A01**

**NASA-CR-171213**
Power Subsystem Automation Study.
N85-12299/2 **06**-*514,309* PC **A10**/MF **A01**

**NASA-CR-171221**
STS Natural Environment Analysis.
N85-12079/8 **06**-*514,303* PC **A05**/MF **A01**

**NASA-CR-171222**
Selected Tether Applications in Space: An Analysis of Five Selected Concepts.
N85-12921/1 **07**-*515,706* PC **A10**/MF **A01**

**NASA-CR-171223**
Human Role in Space. Volume 1. Executive Summary.
N85-13473/2 **07**-*515,709* PC **A03**/MF **A01**

**NASA-CR-171224**
Human Role in Space. Volume 2. Research Analysis and Technology Report.
N85-13474/0 **07**-*515,710* PC **A14**/MF **A01**

**NASA-CR-171225**
Human Role in Space. Volume 3: Generalizations on Human Roles in Space.
N85-13475/7 **07**-*515,711* PC **A04**/MF **A01**

**NASA-CR-171228**
Definition of Technology Development Missions for Early Space Station Satellite Servicing. Volume 1. Executive Summary.
N85-12922/9 **07**-*515,707* PC **A05**/MF **A01**

**NASA-CR-171229**
Definition of Technology Development Missions for Early Space Station Satellite Servicing. Volume 2. Technical.
N85-12923/7 **07**-*515,708* PC **A08**/MF **A01**

**NASA-CR-171230**
Space Power Distribution System Technology. Volume 3. Test Facility Design.
N85-12936/9 **07**-*515,719* PC **A05**/MF **A01**

**NASA-CR-171233**
Design, Fabrication and Delivery of a Spacelab Neutral Buoyancy Instrument Pointing System (IPS) Mockup.
N85-12934/4 **07**-*514,532* PC **A04**/MF **A01**

**NASA-CR-171247**
Analysis of Physical-Chemical Processes Governing SSME Internal Fluid Flows.
N85-12859/3 **07**-*515,696* PC **A02**/MF **A01**

**NASA-CR-171255**
Turbine Blade Damping Study.
N85-12890/8 **07**-*515,683* PC **A09**/MF **A01**

**NASA-CR-171256**
Autonomous Momentum Management for Space Station, Exhibit A.
N85-12933/6 **07**-*515,718* PC **A04**/MF **A01**

**NASA-CR-171266**
Development of Acceptance Criteria for Batches of Silane Primer for External Tank Thermal Protection System Bonding Applications.
N85-13043/3 **07**-*514,681* PC **A05**/MF **A01**

**NASA-CR-171271**
SPAR X Technical Report for Experiment 76-22 Directional Solidification of Magnetic Composites.
N85-15880/6 **10**-*522,929* PC **A04**/MF **A01**

**NASA-CR-171272**
Commerce Lab: Mission Analysis and Payload Integration Study.
N85-16981/1 **11**-*525,822* PC **A05**/MF **A01**

**NASA-CR-171278**
Investigation of Tethered Satellite System Dynamics.
N85-15772/5 **10**-*523,206* PC **A05**/MF **A01**

**NASA-CR-171281**
Investigation of the HPFTP First Stage Impeller Crack.
N85-16208/9 **10**-*522,423* PC **A02**/MF **A01**

**NASA-CR-171282**
Bearing Tester Fit Analysis.
N85-16181/8 **10**-*522,491* PC **A04**/MF **A01**

**NASA-CR-171283**
Atmospheric Modeling and Sensor Simulation (AMASS) Study.
N85-16325/1 **10**-*521,026* PC **A03**/MF **A01**

**NASA-CR-171284**
Float Zone Experiments in Space.
N85-15766/7 **10**-*522,928* PC **A04**/MF **A01**

**NASA-CR-171285**
Commerce Lab: Mission Analysis. Payload Integration Study.
N85-16982/9 **11**-*525,823* PC **A02**/MF **A01**

**NASA-CR-171287**
Assessment of the Operating Characteristics of the SSME LOX Turbopump Pump-End Bearing.
N85-17362/3 **11**-*525,839* PC **A03**/MF **A01**

**NASA-CR-171289**
Growth of Metastable Peritectic Compounds.
N85-15824/4 **10**-*522,129* PC **A04**/MF **A01**

**NASA-CR-171290**
Growth of Metastable Peritectic Compounds.
N85-15825/1 **10**-*522,130* PC **A04**/MF **A01**

**NASA-CR-171293**
Plasma and Magnetospheric Research.
N85-17451/4 **11**-*523,367* PC **A02**/MF **A01**

**NASA-CR-171298**
Commerce Laboratory: Mission Analysis Payload Integration Study.
N85-15764/2 **10**-*523,204* PC **A02**/MF **A01**

**NASA-CR-171300**
Preliminary Study of a Cryogenic Equivalence Principle Experiment on Shuttle.
N85-18994/2 **13**-*530,520* PC **A03**/MF **A01**

**NASA-CR-171301**
Ground Test Article for Deployable Space Structure Systems.
N85-19011/4 **13**-*530,721* PC **A02**/MF **A01**

**NASA-CR-171302**
Shock Wave Capability for the Improved Two-Dimensional Kinetics (TDK) Computer Program.
N85-19360/5 **13**-*530,693* PC **A06**/MF **A01**

**NASA-CR-171317**
Research Reports: 1984 NASA/ASEE Summer Faculty Fellowship Program.
N85-22210/7 **14**-*532,890* PC **A99**/MF **E03**

**NASA-CR-171331**
Data Requirement (Dr) Ma-03: Payload Missions Integration.
N85-19009/8 **13**-*530,707* PC **A03**/MF **A01**

**NASA-CR-171333**
Natural Environment Analysis.
N85-19010/6 **13**-*530,736* PC **A04**/MF **A01**

**NASA-CR-171337**
Cyclone Diagnostics.
N85-19567/5 **13**-*528,448* PC **A02**/MF **A01**

**NASA-CR-171338**
Computer Studies of Baroclinic Flow.
N85-19566/7 **13**-*528,447* PC **A02**/MF **A01**

**NASA-CR-171343**
Preliminary Analysis of Selected Gas Dynamic Problems.
N85-19361/3 **13**-*530,727* PC **A02**/MF **A01**

**NASA-CR-171344**
Calculation of Flow About Posts and Powerhead Model.
N85-19362/1 **13**-*530,728* PC **A02**/MF **A01**

**NASA-CR-171345**
Evaluation of Miniature Vacuum Ultraviolet Lamps for Stability and Operating Characteristics, Lyman-alpha Task.
N85-19323/3 **13**-*529,612* PC **A02**/MF **A01**

**NASA-CR-171346**
Thrust Chamber Performance Using Navier-Stokes Solution.
N85-19019/7 **13**-*530,726* PC **A05**/MF **A01**

**NASA-CR-171349**
SSME Thrust Chamber Simulation Using Navier-Stokes Equations.
N85-19017/1 **13**-*530,725* PC **A06**/MF **A01**

**NASA-CR-171353**
Evaluation and Prediction of Long-Term Environmental Effects of Nonmetallic Materials.
N85-19137/7 **13**-*529,463* PC **A03**/MF **A01**

**NASA-CR-171355**
Analysis of the NASA/MSFC Airborne Doppler Lidar Results from San Gorgonio Pass, California.
N85-21873/3 **14**-*530,940* PC **A04**/MF **A01**

**NASA-CR-171382**
Development of the Sonic Pump Levitator.
N85-21186/0 **14**-*532,867* PC **A06**/MF **A01**

**NASA-CR-171392**
Infrared Telescope.
N85-26465/3 **18**-*539,746* PC **A08**/MF **A01**

**NASA-CR-171406**
Superconducting Gyroscope Research.
N85-25795/4 **18**-*541,431* PC **A10**/MF **A01**

**NASA-CR-171410**
Space Radiation Studies.
N85-26584/1 **18**-*541,498* PC **A02**/MF **A01**

**NASA-CR-171411**
Space Radiation Studies for the Reporting Period, June 1983 - July 1984.
N85-26583/3 **18**-*541,497* PC **A02**/MF **A01**

**NASA-CR-171415**
Space Station Systems Technology Study (Add-on Task). Volume 1: Executive Summary.
N85-22459/0 **15**-*535,290* PC **A06**/MF **A01**

**NASA-CR-171416**
Space Station Systems Technology Study (Add-on Task). Volume 2: Trade Study and Technology Selection.
N85-25279/9 **18**-*542,035* PC **A09**/MF **A01**

**NASA-CR-171417**
Space Station Systems Technology Study (Add-on Task). Volume 3: Technology Advancement Program Plan.
N85-25280/7 **18**-*542,036* PC **A04**/MF **A01**

**NASA-CR-171418**
Space Shuttle Interactive Meteorological Data System Study.
N85-21876/6 **14**-*532,889* PC **A03**/MF **A01**

**NASA-CR-171419**
Firefighters' Communication Transceiver Test Plan.
N85-22854/2 **15**-*534,493* PC **A04**/MF **A01**

**NASA-CR-171421**
Selected Tether Applications in Space: Phase 2. Executive Summary.
N85-22462/4 **15**-*535,283* PC **A02**/MF **A01**

**NASA-CR-171422**
Selected Tether Applications in Space: Phase 2.
N85-22463/2 **15**-*535,284* PC **A07**/MF **A01**

**NASA-CR-171424**
HPFTP Flow Diverter Analysis.
N85-23057/1 **15**-*535,300* PC **A02**/MF **A01**

**NASA-CR-171425**
Nonlinear Rotordynamics Analysis.
N85-22364/2 **15**-*535,289* PC **A03**/MF **A01**

**NASA-CR-171426**
New Atmospheric Sensor Analysis Study.
N85-23069/6 **15**-*533,003* PC **A02**/MF **A01**

**NASA-CR-171428**
Development of Acceptance Criteria for Batches of Silane Primer for External Tank Thermal Protection System Bonding Applications.
N85-23998/6 **17**-*537,697* PC **A03**/MF **A01**

**NASA-CR-171429**
Digital Processing of Mesoscale Analysis and Space Sensor Data.
N85-23319/5 **15**-*533,008* PC **A02**/MF **A01**

**NASA-CR-171433**
Investigation of Tethered Satellite System Dynamics.
N85-25375/5 **18**-*542,043* PC **A06**/MF **A01**

**NASA-CR-171436**
Development of Acceptance Criteria for Batches of Silane Primer for External Tank Thermal Protection System Bonding Applications.
N85-25523/0 **18**-*540,353* PC **A02**/MF **A01**

**NASA-CR-171438**
Definition of Ground Test for Verification of Large Space Structure Control.
N85-25377/1 **18**-*542,044* PC **A02**/MF **A01**

**NASA-CR-171446**
Definition of Technology Development Missions for Early Space Stations: Large Space Structures.
N85-25281/5 **18**-*542,037* PC **A11**/MF **A01**

**NASA-CR-171447**
Plasma and Magnetospheric Research.
N85-25976/0 **18**-*539,773* PC **A02**/MF **A01**

**NASA-CR-171463**
System Enhancements of Mesoscale Analysis and Space Sensor (MASS) Computer System.
N85-30708/0 **22**-*550,250* PC **A03**/MF **A01**

**NASA-CR-171467**
Industry Review: Locomotive Dynamic Characterization Test-Analysis.
N85-30981/3 **22**-*550,728* PC **A07**/MF **A01**

**NASA-CR-171470**
Analysis of Heat-Transfer Measurements from 2 AEDC Wind Tunnels on the Shuttle External Tank.
N85-28263/0 **20**-*547,186* PC **A05**/MF **A01**

**NASA-CR-171473**
Shuttle-Tethered Satellite System Definition Study Extension.
N85-27923/0 **20**-*547,171* PC **A13**/MF **A01**

**NASA-CR-171474**
Shuttle-Tethered Satellite System Definition Study. Volume 1: Executive Study.
N85-27924/8 **20**-*547,172* PC **A04**/MF **A01**

**NASA-CR-171475**
Preparation of Polystryene Latex Particles in a Rotating Reactor.
N85-28108/7 **20**-*545,550* PC **A02**/MF **A01**

**NASA-CR-171500**
Commercialization of the Power Factor Controller.
N85-28221/8 **20**-*545,233* PC **A16**/MF **A01**

**NASA-CR-171506**
System Analysis for the Huntsville Operation Support Center, Distributed Computer System.
N85-28642/5 **20**-*545,216* PC **A10**/MF **A01**

**NASA-CR-171512**
Space Station Automation Study-Satellite Servicing. Volume 1. Executive Summary.
N85-29999/8 **22**-*551,863* PC **A03**/MF **A01**

**NASA-CR-171513**
Space Station Automation Study-Satellite Servicing, Volume 2.
N85-30000/2 **22**-*551,864* PC **A07**/MF **A01**

**NASA-CR-171514**
Space Station Automation Study. Volume 1. Executive Summary. Autonomous Systems and Assembly.
N85-30002/8 **22**-*551,866* PC **A04**/MF **A01**

**NASA-CR-171515**
Space Station Automation Study. Volume 2. Technical Report. Autonomous Systems and Assembly.
N85-30001/0 **22**-*551,865* PC **A12**/MF **A01**

**NASA-CR-171530**
B-52B/Dtv (Drop Test Vehicle) Flight Test Results: Drop Test Missions.
N85-29934/5 **22**-*549,309* PC **A02**/MF **A01**

**NASA-CR-171531**
Microgravity Silicon Zoning Investigation.
N85-31073/8 **23**-*554,166* PC **A05**/MF **A01**

**NASA-CR-171534**
Turbine Blade-Tip Clearance Excitation Forces.
N85-29963/4 **22**-*551,838* PC **A05**/MF **A01**

**NASA-CR-171535**
Comparison of Wind and Turbulence Measurements from Doppler Lidar and Instrumented Aircraft.
N85-31729/5 **23**-*552,039* PC **A04**/MF **A01**

**NASA-CR-171537**
Wave/Particle Interactions in the Plasma Sheet.
N85-32072/9 **23**-*552,024* PC **A02**/MF **A01**

**NASA-CR-171538**
Multi-KW Solar Arrays for Earth Orbit Applications.
N85-31139/7 **23**-*553,075* PC **A04**/MF **A01**

**NASA-CR-171541**
Concept Development Evaluation for John Deere/Ua Sts Middeck Experiment Location.
N85-31071/2 **23**-*553,162* PC **A04**/MF **A01**

**NASA-CR-171549**
Spar Improved Structural-Fluid Dynamic Analysis Capability.
N85-31449/0 **23**-*554,198* PC **A05**/MF **A01**

**NASA-CR-171581**
Diagnostics of Severe Convection and Subsynoptic Scale Ageostrophic Circulations.
N85-32571/0 **24**-*554,696* PC **A02**/MF **A01**

**NASA-CR-171587**
Analysis of Spacecraft Data.
N85-32789/8 **24**-*557,213* PC **A02**/MF **A01**

**NASA-CR-171588**
Retarding Ion Mass Spectrometer for the Dynamics Explorer-1.
N85-32303/8 **24**-*556,148* PC **A07**/MF **A01**

**NASA-CR-171589**
MPS Solidification Model. Analysis and Calculation of Macrosegregation in a Casting Ingot.
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Analysis of Spacecraft Data.
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Addendum: Development of a Preprototype Times Wastewater Recovery Subsystem.
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Statistical Analysis Techniques for Small Sample Sizes.
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**NASA-CR-171874**
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Modeling and Simulation of Feedback Control Systems.
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**NASA-CR-172347**
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N85-12889/0 **07**-*514,341* PC **A04**/MF **A01**

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**NASA-CR-172376**
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Evaluation of Automated Decisionmaking Methodologies and Development of an Integrated Robotic System Simulation.
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Formal Verification of Mathematical Software.
N85-16489/5 **10**-*521,966* PC **A08**/MF **A01**

**NASA-CR-172408**
Development of Powder Metallurgy 2XXX Series al Alloys for High Temperature Aircraft Structural Applications.
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Design of a Digital Ride Quality Augmentation System for Commuter Aircraft.
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Simulation Study of a New Inverse-Pinch High Coulomb Transfer Switch.
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Fault-Tolerant System Considerations for a Redundant Strapdown Inertial Measurement Unit.
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Analysis of Estimation Algorithms for CDTI and CAS Applications.
N85-22387/3 **15**-*532,927* PC **A10**/MF **A01**

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N85-10927/0 **04**-*509,950* PC **A08**/MF **A01**

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N85-14666/0 **08**-*517,283* PC **A14**/MF **A01**

**NASA-CR-172446-V-2**
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N85-14667/8 **08**-*517,284* PC **A04**/MF **A01**

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Legendre-tau Approximation for Functional Differential Equations. Part 3: Eigenvalue Approximations and Uniform Stability.
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Classical Free-Streamline Flow over a Polygonal Obstacle.
N85-10301/8 **03**-*507,306* PC **A02**/MF **A01**

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Systematic Plan for the Continued Study of Dimensional Stability of Metallic Alloys Considered for the Fabrication of Cryogenic Wind Tunnel Models.
N85-32172/7 **24**-*555,783* PC **A02**/MF **A01**

**NASA-CR-172450**
Machining-Induced Deformation in Stepped Specimens of Ph 13-8 Mo, 18 Nickel Maraging Steel Grade 200T1 and Grain-Refined HP 9-4-20.
N85-32177/6 **24**-*555,784* PC **A03**/MF **A01**

**NASA-CR-172452**
Review of Some Vortex Relations.
N85-10302/6 **03**-*507,307* PC **A02**/MF **A01**

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Numerical Solution of the Helmholtz Equation for Wave Propagation Problems in Underwater Acoustics.

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**NASA-CR-172455**
Extended Aeroelastic Analysis for Helicopter Rotors with Prescribed Hub Motion and Blade Appended Penduluum Vibration Absorbers.
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Supersonic Nonlinear Potential Analysis.
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**NASA-CR-172459**
Development of a Heterogeneous Laminating Resin System.
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Exploratory Study of Apex Fence Flaps on a 74 Deg Delta Wing.
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Development of Failure Criterion for Kevlar-Epoxy Fabric Laminates.
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Parallel Triangularization of Substructured Finite Element Problems.
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Approximation Methods for Inverse Problems Involving the Vibration of Beams with Tip Bodies.
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Boundary Conditions in Chebyshev and Legendre Methods.
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Operational Fitness of Box Truss Antennas in Response to Dynamic Slewing.
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Stereo Electro-Optical Tracking System (SETS).
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SMP: A Solid Modeling Program.
N85-11570/7 **04**-*510,553* PC **A07**/MF **A01**

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Deformations and Strains in Adhesive Joints by Moire Interferometry.
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**NASA-CR-172475**
Pseudospectral Legendre Method for Hyperbolic Equations with an Improved Stability Condition.
N85-12617/5 **06**-*513,664* PC **A03**/MF **A01**

**NASA-CR-172476**
Shuffle-Exchanges on Augmented Meshes.
N85-11587/1 **04**-*509,127* PC **A02**/MF **A01**

**NASA-CR-172477**
Data Appendix: F-Number = 1.0 EMR with a Flexible Back Electrode.
N85-15994/5 **10**-*522,005* PC **A04**/MF **A01**

**NASA-CR-172478**
Generalized Formulation of TVD (Total Variation Diminution) Lax-Wendroff Schemes.
N85-13528/3 **07**-*515,040* PC **A02**/MF **A01**

**NASA-CR-172479**
Advanced Infrared Laser Modulator Development.
N85-15479/7 **09**-*520,237* PC **A04**/MF **A01**

**NASA-CR-172481**
Impact of Magnetic Isolation on Pointing System Performance in the Presence of Structural Flexibility.
N85-26861/3 **19**-*543,785* PC **A04**/MF **A01**

**NASA-CR-172482**
Response Measurements for Two Building Structures Excited by Noise from a Large Horizontal Axis Wind Turbine Generator.
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**NASA-CR-172483**
Flight Service Evaluation of Advanced Composite Ailerons on the L-1011 Transport Aircraft.
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Geometric Approach to High Resolution Tvd Schemes.
N85-15449/0 **09**-*519,485* PC **A03**/MF **A01**

**NASA-CR-172485**
Comparison of Uniform Perturbation Solutions and Numerical Solutions for Some Potential Flows past Slender Bodies.
N85-14799/9 **09**-*518,325* PC **A03**/MF **A01**

**NASA-CR-172486**
Multiple Steady States for Characteristic Initial Value Problems.
N85-14800/5 **09**-*520,911* PC **A03**/MF **A01**

**NASA-CR-172487**
Compact Finite Element Method for Elastic Bodies.
N85-15185/0 **09**-*520,684* PC **A03**/MF **A01**

**NASA-CR-172489**
Automatic Control Design Procedures for Restructurable Aircraft Control.
N85-21173/8 **14**-*530,798* PC **A04**/MF **A01**

**NASA-CR-172493**
Scanning Laser Velocimeter for Turbulence Research.
N85-15686/7 **10**-*522,944* PC **A03**/MF **A01**

**NASA-CR-172496**
Numerical Approach for the Aerodynamic Analysis of Airfoils with Laminar Separation.
N85-18001/6 **12**-*525,858* PC **A03**/MF **A01**

**NASA-CR-172497**
Develop and Demonstrate Manufacturing Processes for Fabricating Graphite Filament Reinforced Polymide (GR/PI) Composite Structural Elements.
N85-20019/4 **14**-*531,839* PC **A11**/MF **A01**

**NASA-CR-172498**
Stresses in Pin-Loaded Orthotropic Plates Using Photoelasticity.
N85-16204/8 **10**-*522,103* PC **A03**/MF **A01**

**NASA-CR-172500**
Solution of Partial Differential Equations on Vector and Parallel Computers.
N85-16525/6 **10**-*522,207* PC **A08**/MF **A01**

**NASA-CR-172503**
Existence and Non-Uniqueness of Similarity Solutions of a Boundary Layer Problem.
N85-16064/6 **10**-*522,948* PC **A02**/MF **A01**

**NASA-CR-172504**
Instability of a 3-Dimensional Attachment Line Boundary Layer: Weakly Nonlinear Theory and a Numerical Approach.
N85-16063/8 **10**-*522,947* PC **A04**/MF **A01**

**NASA-CR-172505**
Research in Applied Mathematics, Numerical Analysis, and Computer Science.
N85-16480/4 **10**-*522,206* PC **A04**/MF **A01**

**NASA-CR-172506**
Inviscid Analysis of Unsteady Blade Tip Flow Correlation Studies.
N85-18958/7 **13**-*528,287* PC **A04**/MF **A01**

**NASA-CR-172508**
Optimal Symmetric Flight Studies.
N85-21176/1 **14**-*530,800* PC **A11**/MF **A01**

**NASA-CR-172510**
Exploratory Development of Foams from Liquid Crystal Polymers.
N85-22754/4 **15**-*534,059* PC **A04**/MF **A01**

**NASA-CR-172511**
Detection of Low Frequency Impulsive Noise from Large Wind Turbine Generators.
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**NASA-CR-172512**
Interaction of a Sound Pulse with the Shear Layer of an Axisymmetric Jet. Part 3: Nonlinear Effects.
N85-18663/3 **12**-*527,895* PC **A02**/MF **A01**

**NASA-CR-172513**
3-Dimensional Mass Conserving Element for Compressible Flows.
N85-18626/0 **12**-*527,926* PC **A03**/MF **A01**

**NASA-CR-172515**
Chandrasekhar Equations for Infinite Dimensional Systems.
N85-18651/8 **12**-*527,202* PC **A03**/MF **A01**

**NASA-CR-172516**
Where Are the Parallel Algorithms.
N85-18627/8 **12**-*526,933* PC **A02**/MF **A01**

**NASA-CR-172517**
Improved Source Model for Aircraft Interior Noise Studies.
N85-17668/3 **11**-*523,246* PC **A03**/MF **A01**

**NASA-CR-172518**
MACSYMA Usage at Langley.
N85-19688/9 **13**-*529,200* PC **A04**/MF **A01**

**NASA-CR-172520**
Generation of Rolling Moments with the Superconducting Solenoid Model.
N85-18068/5 **12**-*526,879* PC **A02**/MF **A01**

**NASA-CR-172523**
Response Time Correlations for Platinum Resistance Thermometers in Flowing Fluids.
N85-21606/7 **14**-*532,269* PC **A04**/MF **A01**

**NASA-CR-172524**
Gimbal Sizing Analysis for an IPACS Rotating Assembly.
N85-26913/2 **19**-*544,426* PC **A04**/MF **A01**

**NASA-CR-172526**
Alternative Approximation Concepts for Space Frame Synthesis.
N85-21150/6 **14**-*532,692* PC **A19**/MF **A01**

**NASA-CR-172527**
Multistage Time-Stepping Scheme for the Navier-Stokes Equations.
N85-19365/4 **13**-*528,293* PC **A03**/MF **A01**

**NASA-CR-172528**
Research on Optimal Control, Stabilization and Computational Algorithms for Aerospace Applications.
N85-29970/9 **22**-*550,534* PC **A04**/MF **A01**

**NASA-CR-172529**
Aerodynamic-Structural Study of Canard Wing, Dual Wing, and Conventional Wing Systems for General Aviation Applications.
N85-16829/2 **11**-*523,222* PC **A05**/MF **A01**

**NASA-CR-172530**
Preliminary Performance of a Vertical-Attitude Takeoff and Landing, Supersonic Cruise Aircraft Concept Having Thrust Vectoring Integrated into the Flight Control System.
N85-18977/7 **13**-*528,316* PC **A03**/MF **A01**

**NASA-CR-172531**
Effects of Leading-Edge Devices on the Low-Speed Aerodynamic Characteristics of a Highly-Swept Arrow-Wing.
N85-22365/9 **15**-*532,906* PC **A04**/MF **A01**

**NASA-CR-172532**
Crack Problems for Bonded Nonhomogeneous Materials under Antiplane Shear Loading.
N85-19438/9 **13**-*530,534* PC **A02**/MF **A01**

**NASA-CR-172533**
Interaction Between a Crack and a Soft Inclusion.
N85-19439/7 **13**-*529,705* PC **A02**/MF **A01**

**NASA-CR-172534**
Advanced Detectors and Signal Processing for Bubble Memories.
N85-24219/6 **17**-*537,946* PC **A04**/MF **A01**

**NASA-CR-172535**
Recovering Pointwise Values of Discontinuous Data within Spectral Accuracy.
N85-22049/9 **14**-*531,938* PC **A02**/MF **A01**

**NASA-CR-172536**
SUBOPT: A CAD Program for Suboptimal Linear Regulators.
N85-19702/8 **13**-*529,202* PC **A02**/MF **A01**

**NASA-CR-172537**
Galerkin Method for the Estimation of Parameters in Hybrid Systems Governing the Vibration of Flexible Beams with Tip Bodies.
N85-19734/1 **13**-*529,792* PC **A03**/MF **A01**

**NASA-CR-172538**
Eigenvalues of the Pseudospectral Fourier Approximation to the Operator Sin (2x) d/dx.
N85-20729/8 **14**-*531,932* PC **A02**/MF **A01**

**NASA-CR-172539**
Spectral Methods in Time for Parabolic Problems.
N85-20730/6 **14**-*531,933* PC **A02**/MF **A01**

**NASA-CR-172540**
Development of Algorithms for Using Satellite Meteorological Data Sets to Study Global Transport of Stratospheric Aerosols and Ozone.
N85-25974/5 **18**-*539,771* PC **A06**/MF **A01**

**NASA-CR-172541**
Algorithm for Generating Abstract Syntax Trees.
N85-22003/6 **14**-*531,687* PC **A02**/MF **A01**

**NASA-CR-172542**
Complex Symmetric Matrices with Strongly Stable Iterates.
N85-20731/4 **14**-*531,934* PC **A02**/MF **A01**

**NASA-CR-172543**
Algorithms for the Euler and Navier-Stokes Equations for Supercomputers.
N85-19701/0 **13**-*530,328* PC **A03**/MF **A01**

**NASA-CR-172544**
Pisces: An Environment for Parallel Scientific Computation.
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**NASA-CR-172545**
Preliminary Report on Tests of Tensile Specimens with a Part-Through Surface Notch for a Filament Wound Graphite/Epoxy Material.
N85-19026/2 **13**-*529,462* PC **A03**/MF **A01**

**NASA-CR-172547**
Evaluation of Failure Criterion for Graphite/Epoxy Fabric Laminates.
N85-19025/4 **13**-*529,461* PC **A03**/MF **A01**

**NASA-CR-172549**
Probabilistic Computer Model of Optimal Runway Turnoffs.
N85-26760/7 **19**-*542,114* PC **A04**/MF **A01**

**NASA-CR-172551**
Study for the Optimization of a Transport Aircraft Wing for Maximum Fuel Efficiency. Volume 1: Methodology, Criteria, Aeroelastic Model Definition and Results.
N85-22378/2 **15**-*532,919* PC **A16**/MF **A01**

**NASA-CR-172552**
Accuracy of Least Squares Methods in the Presence of Corner Singularities.
N85-22050/7 **14**-*531,939* PC **A03**/MF **A01**

**NASA-CR-172553**
Experiment in Software Reliability.
N85-24813/6 **17**-*537,951* PC **A04**/MF **A01**

**NASA-CR-172554**
Feasibility of Self-Structured Current Accessed Bubble Devices in Spacecraft Recording Systems.
N85-22525/8 **15**-*533,831* PC **A13**/MF **A01**

**NASA-CR-172555**
Investigation of Parabolic Computational Techniques for Internal High-Speed Viscous Flows.
N85-23056/3 **15**-*535,143* PC **A03**/MF **A01**

**NASA-CR-172556**
Differentiating Matrices for Arbitrarily Spaced Grid Points.
N85-22051/5 **14**-*531,940* PC **A03**/MF **A01**

**NASA-CR-172557**
Convergent Series Expansion for Hyperbolic Systems of Conservation Laws.
N85-21990/5 **14**-*531,937* PC **A05**/MF **A01**

**NASA-CR-172559**
F-14A Aircraft High-Speed Flow Simulations.
N85-23702/2 **17**-*537,001* PC **A10**/MF **A01**

**NASA-CR-172560**
Construction of a Menu-Based System.
N85-23321/1 **15**-*533,836* PC **A02**/MF **A01**

**NASA-CR-172561**
Three-Dimensional Spectral Algorithm for Simulations of Transition and Turbulence.
N85-21575/4 **14**-*532,587* PC **A03**/MF **A01**

**NASA-CR-172563**
Fracture Analysis of Notched Composites.
N85-20020/2 **14**-*531,840* PC **A03**/MF **A01**

**NASA-CR-172564**
Sound Propagation Studies for a Large Horizontal Axis Wind Turbine.
N85-24904/3 **17**-*539,257* PC **A03**/MF **A01**

**NASA-CR-172566**
Spline-Based Rayleigh-Ritz Methods for the Approximation of the Natural Modes of Vibration for Flexible Beams with Tip Bodies.
N85-23100/9 **15**-*535,092* PC **A03**/MF **A01**

**NASA-CR-172567**
Earth Radiation Budget Experiment Software Development.
N85-22002/8 **14**-*530,948* PC **A05**/MF **A01**

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Development of an Impact- and Solvent-Resistant Thermoplastic Composite Matrix, Phase 3.
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**NASA-CR-172569**
Cumulutive Reports and Publications through December 31, 1984.
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Analysis of Spectral Operators in One-Dimensional Domains.
N85-26228/5 **18**-*540,917* PC **A03**/MF **A01**

**NASA-CR-172574**
Discrete Models for the Numerical Analysis of Time-Dependent Multidimensional Gas Dynamics.
N85-24239/4 **17**-*539,302* PC **A03**/MF **A01**

**NASA-CR-172575**
Numerical Simulation of Boundary Layer Excitation by Surface Heating/Cooling.
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Forced MHD Turbulence in a Uniform External Magnetic Field.
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Evaluation of Proposed Acoustic Treatments for the NASA Larc 4 X 7 Meter Wind Tunnel.
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**NASA-CR-172578**
Spectral Methods for Modeling Supersonic Chemically Reacting Flow Fields.
N85-24240/2 **17**-*537,698* PC **A03**/MF **A01**

**NASA-CR-172579-V-1**
Study of Spacecraft Technology and Design Concepts. Volume 1.
N85-26844/9 **19**-*544,452* PC **A10**/MF **A01**

**NASA-CR-172579-V-2**
Study of Spacecraft Technology and Design Concepts. Volume 2. Appendices.
N85-26845/6 **19**-*544,453* PC **A07**/MF **A01**

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Preliminary Investigation of the Dynamic Force-Calibration of a Magnetic Suspension and Balance System.
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**NASA-CR-172581**
Mathematical Formulation of the SCOLE Control Problem. Part 1.
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**NASA-CR-172582**
Executive Control Systems in the Engineering Design Environment.
N85-24835/9 **17**-*537,955* PC **A06**/MF **A01**

**NASA-CR-172583**
Mission Analysis of Solar Powered Aircraft.
N85-31072/0 **23**-*551,904* PC **A04**/MF **A01**

**NASA-CR-172584**
Users Manual for Coordinate Generation Code CRDSRA.
N85-27824/0 **20**-*544,475* PC **A02**/MF **A01**

**NASA-CR-172585**
User's Manual for Airfoil Flow Field Computer Code SRAIR.
N85-27825/7 **20**-*544,476* PC **A04**/MF **A01**

**NASA-CR-172586**
Investigation of the Vortex TAB.
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**NASA-CR-172589**
Evaluation of a Fault Tolerant System for an Integrated Avionics Sensor Configuration with Tsrv Flight Data.
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**NASA-CR-172590**
Study to Determine Potential Flight Applications and Human Factors Design Guidelines for Voice Recognition and Synthesis Systems.
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**NASA-CR-172591**
Intermediate Boundary Conditions for LOD, ADI and Approximate Factorization Methods.
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**NASA-CR-172592**
Shock Capturing.
N85-29627/5 **21**-*548,220* PC **A02**/MF **A01**

**NASA-CR-172595**
Solar Radiance Models for Determination of ERBE Scanner Filter Factor.
N85-28513/8 **20**-*544,588* PC **A03**/MF **A01**

**NASA-CR-172596**
Validation of the ERBE Scanner Scene Identification Methodology. Analysis with Nimbus-7 ERB Data.
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**NASA-CR-172597**
Measurement and Analysis of Critical Crack Tip Processes during Fatigue Crack Growth.
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**NASA-CR-172598**
Delamination Micromechanics Analysis.
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**NASA-CR-172601**
Data Analysis for Lidar and Quartz Crystal Microbalance Systems.
N85-32464/6 **24**-*554,678* PC **A09**/MF **A01**

**NASA-CR-172603**
Tip Vortex Computer Code Sratip. User's Guide.
N85-32093/5 **24**-*554,552* PC **A04**/MF **A01**

**NASA-CR-172605**
Experimental Investigation of Propfan Installations on an Upswept Supercritical Wing at Transonic Mach Numbers.
N85-31013/4 **23**-*551,880* PC **A10**/MF **A01**

**NASA-CR-172608**
CARE 3 User Friendly Interface User's Guide.
N85-32791/4 **24**-*555,539* PC **A04**/MF **A01**

**NASA-CR-172610**
Activities of the Institute for Computer Applications in Science and Engineering (ICASE).
N85-30641/3 **22**-*550,527* PC **A04**/MF **A01**

**NASA-CR-172612**
Data on Noise Environments at Different Times of Day around Airports.
N85-30769/2 **22**-*550,563* PC **A04**/MF **A01**

**NASA-CR-172613**
Spectral Multigrid Methods for the Time-Dependent Navier-Stokes Equations.
N85-30725/4 **22**-*551,303* PC **A03**/MF **A01**

**NASA-CR-172614**
Convergence of Difference Approximations to Scalar Conservation Laws.
N85-30726/2 **22**-*550,528* PC **A04**/MF **A01**

**NASA-CR-172615**
Blaze Language: A Parallel Language for Scientific Programming.
N85-30656/1 **22**-*550,244* PC **A04**/MF **A01**

**NASA-CR-172619**
Well-Posedness of One-Way Wave Equations and Absorbing Boundary Conditions.
N85-30727/0 **22**-*550,529* PC **A02**/MF **A01**

**NASA-CR-172620**
Materials and Techniques for Model Construction.
N85-31066/2 **23**-*553,665* PC **A02**/MF **A01**

**NASA-CR-172846**
Energy Efficient Engine Component Development and Integration Program.
N85-29958/4 **22**-*551,835* PC **A08**/MF **A01**

**NASA-CR-173084**
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N85-10991/6 **04**-*510,528* PC **A09**/MF **A01**

**NASA-CR-173902**
Photovoltaic Module Encapsulation Design and Materials Section, Volume 2.
N84-34013/2 **01**-*501,454* PC **A06**/MF **A01**

**NASA-CR-173922**
NASA RECON: Course Development, Administration, and Evaluation.
N84-34318/5 **01**-*500,512* PC **A99**/MF **A01**

**NASA-CR-173926**
Flat-Plate Solar Array Project Process Development Area. Process Research of Non-Cz Silicon Material.
N84-34012/4 **01**-*501,453* PC **A02**/MF **A01**

**NASA-CR-173927**
Ages of Extragalactic Intermediate-Age Star Clusters.
N84-34360/7 **01**-*500,136* PC **A02**/MF **A01**

**NASA-CR-173928**
Research in Particles and Fields.
N84-34392/0 **01**-*500,148* PC **A03**/MF **A01**

**NASA-CR-173929**
Metal-Silicate Relationships in Differentiated Meteorites.
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**NASA-CR-173930**
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N84-34383/9 **01**-*500,143* PC **A02**/MF **A01**

**NASA-CR-173931**
Pioneer 10 and Voyager Observations of the Interstellar Medium in Scattered Emission of the HE584 A and H Lya 1216 A Lines.
N84-34361/5 **01**-*500,137* PC **A02**/MF **A01**

**NASA-CR-173932**
Research Pressure Instrumentation for NASA Space Shuttle Main Engine.
N84-33463/0 **01**-*502,750* PC **A04**/MF **A01**

**NASA-CR-173934**
Process Research of Polycrystalline Silicon Material (PROPSM).
N84-34026/4 **01**-*501,463* PC **A03**/MF **A01**

**NASA-CR-173935**
Process Research of Polycrystalline Silicon Material (PROPSM).
N84-34033/0 **01**-*501,468* PC **A02**/MF **A01**

**NASA-CR-173936**
Low Cost Solar Array Project. Experimental Process System Development Unit for Producing Semiconductor-Grade Silicon Using the Silane-to-Silicon Process.
N84-34034/8 **01**-*501,469* PC **A05**/MF **A01**

**NASA-CR-173937**
Nickel-Iron Battery System Safety.
N84-34035/5 **01**-*501,493* PC **A04**/MF **A01**

**NASA-CR-173938**
Excimer Laser Annealing to Fabricate Low Cost Solar Cells.
N84-34027/2 **01**-*501,464* PC **A03**/MF **A01**

**NASA-CR-173939**
Energy Conversion and Utilization Technologies Program (ECUT) Electrocatalysis Research.
N84-33534/8 **01**-*501,069* PC **A03**/MF **A01**

**NASA-CR-173940**
Investigation of Test Methods, Material Properties and Processes for Solar Cell Encapsulants.
N84-34029/8 **01**-*501,465* PC **A02**/MF **A01**

**NASA-CR-173941**
Design, Analysis and Test Verification of Advanced Encapsulation Systems.
N84-34028/0 **01**-*501,073* PC **A04**/MF **A01**

**NASA-CR-173943**
Development of Metallization Process.
N84-34031/4 **01**-*501,467* PC **A02**/MF **A01**

**NASA-CR-173944**
High Energy Transients.
N84-34347/4 **01**-*500,132* PC **A02**/MF **A01**

**NASA-CR-173945**
Areas Irrigadas: Monitoramento Por Sensoriamento Remoto (Irrigated Lands: Monitoring by Remote Sensing).
N84-33854/0 **01**-*500,080* PC **A02**/MF **A01**

**NASA-CR-173946**
Projeto Mapeamento DA Alteracao Do USO Do Solo DA Regiao Carbonifera de Santa Catarine - Relatorio Preliminar (Mapping Project on Land Use Changes in the Carboniferous Region of Santa Catarina).
N84-33853/2 **01**-*501,152* PC **A02**/MF **A01**

**NASA-CR-173949**
Progress Research of Non-CZ Silicon Material.
N84-34021/5 **01**-*501,459* PC **A02**/MF **A01**

**NASA-CR-173950**
Silicon Solar Cell Process Development, Fabrication and Analysis.
N84-34020/7 **01**-*501,458* PC **A02**/MF **A01**

**NASA-CR-173951**
Development of Metallization Process: FSA Project, Cell and Module Formation Research Area.
N84-34022/3 **01**-*501,460* PC **A02**/MF **A01**

**NASA-CR-173952**
Surface Property Modification of Silicon.
N84-34023/1 **01**-*501,072* PC **A05**/MF **A01**

**NASA-CR-173953**
Comprehensive Silicon Solar Cell Computer Modeling.
N84-34025/6 **01**-*501,462* PC **A04**/MF **A01**

**NASA-CR-173954**
Process Research of Non-CZ Silicon Material.
N84-34017/3 **01**-*501,456* PC **A14**/MF **A01**

**NASA-CR-173955**
Design, Analysis and Test Verification of Advanced Encapsulation Systems.
N84-34016/5 **01**-*501,455* PC **A06**/MF **A01**

**NASA-CR-173956**
Development of Metallization Process.
N84-34014/0 **01**-*501,879* PC **A02**/MF **A01**

**NASA-CR-173957**
Development of a Polysilicon Process Based on Chemical Vapor Deposition, Phase 1 and Phase 2.
N84-34015/7 **01**-*501,423* PC **A03**/MF **A01**

**NASA-CR-173958**
Large-Area Sheet Task Advanced Dendritic Web Growth Development.
N84-34019/9 **01**-*500,936* PC **A04**/MF **A01**

**NASA-CR-173959**
Development of Metallization Process. FSA Project, Cell and Module Formation Research Area.
N84-34030/6 **01**-*501,466* PC **A02**/MF **A01**

**NASA-CR-173960**
Stress Studies in EFG.
N84-34018/1 **01**-*501,457* PC **A03**/MF **A01**

**NASA-CR-173961**
Battery Charger and State of Charge Indicator.
N84-33725/2 **01**-*501,492* PC **A12**/MF **A01**

**NASA-CR-173964**
Research in Millimeter Wave Techniques.
N84-34655/0 **02**-*503,857* PC **A02**/MF **A01**

**NASA-CR-173966**
Viking Radio Science Data Analysis and Synthesis.
N84-34385/4 **01**-*500,157* PC **A02**/MF **A01**

**NASA-CR-173967**
Refined Methods of Aeroelastic Analysis and Optimization.
N84-33835/9 **01**-*500,017* PC **A02**/MF **A01**

**NASA-CR-173968**
Search for Emission Lines in the Gaseous Halo of Edge-on Galaxies.
N84-34349/0 **01**-*500,134* PC **A02**/MF **A01**

**NASA-CR-173969**
Materials for High-Temperature Thermoelectric Conversion.
N84-34011/6 **01**-*501,452* PC **A04**/MF **A01**

**NASA-CR-173970**
Timing Performance of Phased-Locked Loops in Optical Pulse Position Modulation Communication Systems.
N84-34253/4 **01**-*502,092* PC **A06**/MF **A01**

**NASA-CR-173971**
Modeling Analysis Program for the JPL Table Mountain IO Sodium Cloud Data.
N84-34386/2 **01**-*500,145* PC **A02**/MF **A01**

**NASA-CR-173974**
Study of Outgassing and Decomposition of Space Shuttle Heat Protection Tiles, Fillers and Adhesive.
N84-34465/4 **02**-*505,242* PC **A02**/MF **A01**

**NASA-CR-173976**
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N85-11140/9 **04**-*507,925* PC **A02**/MF **A01**

**NASA-CR-173978**
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N84-33946/4 **01**-*501,154* PC **A15**/MF **A01**

**NASA-CR-173979**
Study of High Performance Alloy Electroforming.
N84-33565/2 **01**-*501,551* PC **A02**/MF **A01**

**NASA-CR-173981**
Monolithic Microwave Integrated Circuit Devices for Active Array Antennas.
N84-34675/8 **02**-*503,858* PC **A03**/MF **A01**

**NASA-CR-173982**
Participation in the Mars Data Analysis Program: Global and Regional Studies of Wind-Indicators on the Surface of MARS.
N84-35261/6 **02**-*502,878* PC **A02**/MF **A01**

**NASA-CR-173983**
Undetected Error Probability and Throughput Analysis of a Concatenated Coding Scheme.
N84-34977/8 **02**-*503,850* PC **A02**/MF **A01**

**NASA-CR-173985**
Advanced Composite Vertical Stabilizer for DC-10 Transport Aircraft.
N84-34573/5 **02**-*502,794* PC **A05**/MF **A01**

**NASA-CR-173987**
Control Methodologies for Large Space Structures.
N84-34467/0 **02**-*505,243* PC **A03**/MF **A01**

**NASA-CR-173992**
Cloud and Ice in the Planetary Scale Circulation and in Climate.
N84-35244/2 **02**-*502,942* PC **A05**/MF **A01**

**NASA-CR-173993**
Large Scale Solar Modulation of 500 Mev/N Galactic Cosmic Rays Seen from 1-30 au.
N84-35283/0 **02**-*502,884* PC **A02**/MF **A01**

**NASA-CR-173994**
Combined Influence of Stretch, Mobility and Electrical Stimulation in the Prevention of Muscle Fiber Atrophy Causeo Hypokinesia and Hypodynamia.
N84-34914/1 **02**-*503,460* PC **A04**/MF **A01**

**NASA-CR-173997**
Study of Space Station Needs, Attributes and Architectural Options.
N84-34459/7 **02**-*505,238* PC **A07**/MF **A01**

**NASA-CR-173998**
Research in the Design of High-Performance Reconfigurable Systems.
N84-34957/0 **02**-*503,826* PC **A03**/MF **A01**

**NASA-CR-173999**
Space Station Needs, Attributes and Architectural Options Contractor Orientation Briefings.
N84-34460/5 **02**-*505,239* PC **A99**/MF **A01**

**NASA-CR-174000**
Comparison of Experimental and Theoretical Results for Leakage, Pressure Distribution, and Rotordynamic Coefficients for Annular Gas Seals.
N84-34765/7 **02**-*505,246* PC **A05**/MF **A01**

**NASA-CR-174001**
Scattering Models in the Microwave Regime.
N85-13361/9 **07**-*515,591* PC **A04**/MF **A01**

**NASA-CR-174005**
Ground-Based Observations of Equatorial Thermosphere Dynamics with a Fabry-Perot Interferometer.
N84-34897/8 **02**-*502,901* PC **A03**/MF **A01**

**NASA-CR-174006**
Pioneer 10 and 11 (Jupiter and Saturn) Magnetometer Experiment.
N84-35241/8 **02**-*502,872* PC **A01**/MF **A01**

**NASA-CR-174007**
Radiation Effects in Silicon and Gallium Arsenide Solar Cells Using Isotropic and Normally Incident Radiation.
N84-34793/9 **02**-*504,010* PC **A04**/MF **A01**

**NASA-CR-174010**
Physics of the Inner Heliosphere 1-10 R sub 0 Plasma Diagnostics and Models.
N85-11964/2 **04**-*508,032* PC **A02**/MF **A01**

**NASA-CR-174012**
Singular Asymptotic Expansions in Nonlinear Rotordynamics.
N85-10100/4 **03**-*507,867* PC **A02**/MF **A01**

**NASA-CR-174015**
Impact Phenomena as Factors in the Evolution of the Earth.
N85-10474/3 **03**-*505,964* PC **A02**/MF **A01**

**NASA-CR-174016**
Impact Cratering: The Process and Its Effects on Planetary Evolution.
N85-11488/2 **04**-*508,021* PC **A02**/MF **A01**

**NASA-CR-174017**
SAGA: A Project to Automate the Management of Software Production Systems.
N85-10685/4 **03**-*506,124* PC **A02**/MF **A01**

**NASA-CR-174018**
Aeronautics Technology Possibilities for 2000: Report of a Workshop.
N85-10001/4 **03**-*505,271* PC **A11**/MF **A01**

**NASA-CR-174019**
Phylogenic Distribution of the Large 55 Rrna from Halococcus Morrhuae.
N85-11523/6 **04**-*508,623* PC **A03**/MF **A01**

**NASA-CR-174020**
Field Tests of the Real-Data Acquisiton System for the NASA-LaRC Differential Absorption Lidar.
N85-10710/0 **03**-*505,400* PC **A02**/MF **A01**

**NASA-CR-174024**
Rheology of Icy Satellites.
N85-11959/2 **04**-*508,029* PC **A02**

**NASA-CR-174025**
Interactive Aircraft Flight Control and Aeroelastic Stabilization.
N85-11003/9 **04**-*507,924* PC **A02**/MF **A01**

**NASA-CR-174026**
High Temperature Deformation of Hot-Pressed Polycrystalline Orthoenstatite.
N85-11861/0 **04**-*510,399* PC **A07**/MF **A01**

**NASA-CR-174027**
Clouds Above the Martin Limb: Viking Observations.
N85-11922/0 **04**-*508,023* PC **A04**/MF **A01**

**NASA-CR-174028**
Numerical Analysis of Flow and Heat Transfer in the VAFB LOX Storage Dewar Tank.
N85-11315/7 **04**-*510,545* PC **A05**/MF **A01**

**NASA-CR-174029**
Experiments with Phase Transitions at Very High Pressure.
N85-11148/2 **04**-*510,180* PC **A03**/MF **A01**

**NASA-CR-174030**
Search for White Dwarf Companions of Cool Stars with Peculiar Element Abundances.
N85-11923/8 **04**-*508,024* PC **A02**/MF **A01**

**NASA-CR-174031**
Estudo Preliminar Sobre a Viabilidade de Deteccao de Macrofitas Flutuantes Atraves de Processamento Digital de Dados do MSS/LANDSAT (A Preliminary Study of the Feasibility of Detecting the Floating Macrophytes by Means of Digital Processing of MSS/LANDSAT Data).
N85-11418/9 **04**-*508,446* PC **A02**/MF **A01**

**NASA-CR-174032**
High Pressure Cosmochemistry Applied to Major Planetary Interiors: Experimental Studies.
N85-11958/4 **04**-*508,028* PC **A02**/MF **A01**

**NASA-CR-174033**
Projeto Serge: Trabalho de Campo Referente AO Experimento Sir-a No Brasil (Fase 2) (Shuttle Experimental Radar for Geological Exploration (SERGE) Project: Field Work Relating to the Shuttle Experimental Radar A (SIR-A) in Brazil (Phase 2)).
N85-11444/5 **04**-*508,937* PC **A09**/MF **A01**

**NASA-CR-174034**
Study of the Solar Corona Using Radio and Space Observations.
N85-11963/4 **04**-*508,031* PC **A03**/MF **A01**

**NASA-CR-174044**
Study on Spectral/Radiometric Characteristics of the Thematic Mapper for Land Use Applications.
N85-11434/6 **04**-*508,895* PC **A02**/MF **A01**

**NASA-CR-174045**
Remote Sensing Applications Program.
N85-11435/3 **04**-*509,642* PC **A03**/MF **A01**

**NASA-CR-174046**
Application of Remote Sensing to Resource Management and Environmental Quality Programs in Kansas.
N85-11436/1 **04**-*509,643* PC **A10**/MF **A01**

**NASA-CR-174047**
Application of Digital Analysis of MSS to Agro-Environmental Studies.
N85-11437/9 **04**-*507,981* PC **A02**/MF **A01**

**NASA-CR-174048**
South-Central United States Magnetic Anomaly.
N85-11438/7 **04**-*509,044* PC **A05**/MF **A01**

**NASA-CR-174049**
Spectroradiometric Calibration of the Thematic Mapper and Multispectral Scanner System.
N85-11439/5 **04**-*509,863* PC **A03**/MF **A01**

**NASA-CR-174050**
Mapeamento Tematico de Areas-Alvos Favoraveis a Ocorrencia de Cassiterita No Macico Granitico da Serra do Mocambo (Go), a Partir de Imagens Digitais do LANDSAT-2 (Thematic Mapping of Likely Target Areas for the Occurence of Cassiterite in the Serra Do Mocambo (Go) Granitic Massifs Using LANDSAT 2 Digital Imaging).
N85-11440/3 **04**-*509,007* PC **A02**/MF **A01**

**NASA-CR-174051**
Shock Capturing Finite Difference Algorithms for Supersonic Flow past Fighter and Missile Type Configurations.
N85-10913/0 **04**-*507,877* PC **A02**/MF **A01**

**NASA-CR-174052**
Research Program in Active Control/Aeroelasticity in the Jiafs at NASA Langley Research Center.
N85-11001/3 **04**-*509,511* PC **A02**/MF **A01**

**NASA-CR-174053**
Development of a Global Model for Atmospheric Backscatter at CO2 Wavelengths.
N85-11489/0 **04**-*508,065* PC **A02**/MF **A01**

**NASA-CR-174054**
Study of Microstrip Antenna Arrays and Related Problems.
N85-11265/4 **04**-*509,182* PC **A03**/MF **A01**

**NASA-CR-174055**
Basic Research for the Geodynamics Program.
N85-11490/8 **04**-*508,910* PC **A03**/MF **A01**

**NASA-CR-174056**
Biaxial Constitutive Equation Development for Single Crystals.
N85-11862/8 **04**-*510,538* PC **A03**/MF **A01**

**NASA-CR-174057**
Research on Gallium Arsenide Diffused Junction Solar Cells.
N85-11457/7 **04**-*509,326* PC **A04**/MF **A01**

**NASA-CR-174058**
Mechanisms of Flame Holding in the Wake of a Bluff Body.
N85-11149/0 **04**-*510,418* PC **A09**/MF **A01**

**NASA-CR-174059**
Skeletal Muscle Metabolism in Hypokinetic Rats.
N85-11520/2 **04**-*508,642* PC **A02**/MF **A01**

**NASA-CR-174060**
Laboratory Evaluation of Microwave Absorption Properties under Simulated Conditions for Planetary Atmospheres.
N85-11960/0 **04**-*508,030* PC **A02**/MF **A01**

**NASA-CR-174061**
High Resolution Spectroscopic Study of the Oxygen Molecule.
N85-11150/8 **04**-*508,825* PC **A03**/MF **A01**

**NASA-CR-174062**
Decision Tree Rating Scales for Workload Estimation: Theme and Variations.
N85-11544/2 **04**-*508,232* PC **A02**/MF **A01**

**NASA-CR-174063**
Theoretical Development of Monte Carlo Codes for Modeling Cumulus Cloud Fields.
N85-11500/4 **04**-*508,067* PC **A04**/MF **A01**

**NASA-CR-174064**
Cold Streams of Ionospheric Oxygen in the Plasma Sheet During the CDAW-6 Event of March 22, 1979.
N85-12513/6 **06**-*512,767* PC **A03**/MF **A01**

**NASA-CR-174065**
Autonomous Momentum Management for Space Station.
N85-12931/0 **07**-*515,716* PC **A04**/MF **A01**

**NASA-CR-174067**
Preliminary Analysis of Space Mission Applications for Electromagnetic Launchers.
N85-12071/5 **06**-*514,313* PC **A15**/MF **A01**

**NASA-CR-174068**
Conference on the Origin of the Moon.
N85-13709/9 **07**-*514,396* PC **A04**/MF **A01**

**NASA-CR-174069**
Activities at the Lunar and Planetary Institute.
N85-13694/3 **07**-*514,386* PC **A05**/MF **A01**

**NASA-CR-174071**
Annual Meteoritical Society Meeting (47th).
N85-15599/2 **09**-*518,437* PC **A10**/MF **A01**

**NASA-CR-174072**
Study of Instrument Design Options for the Columbus Spectroscopy Mission.
N85-13205/8 **07**-*515,223* PC **A07**/MF **A01**

**NASA-CR-174073**
Martian Climate: Energy Balance Models with CO2/H2O Atmospheres.
N85-12849/4 **06**-*512,744* PC **A02**/MF **A01**

**NASA-CR-174074**
Martian Impact Basins: Morphology Differences and Tectonic Provinces.
N85-12847/8 **06**-*512,742* PC **A02**/MF **A01**

**NASA-CR-174075**
Multispectral and Geomorphic Studies of Processed Voyager 2 Images of Europa.
N85-12848/6 **06**-*512,743* PC **A02**/MF **A01**

**NASA-CR-174076**
Dynamic Compression and Volatile Release of Carbonates.
N85-12504/5 **06**-*513,369* PC **A03**/MF **A01**

**NASA-CR-174077**
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N85-12966/6 **07**-*514,974* PC **A08**/MF **A01**

**NASA-CR-174079**
External Fuel Vaporization Study, Phase 2.
N85-11252/2 **04**-*510,512* PC **A03**/MF **A01**

**NASA-CR-174087**
Ice-Soil Mixtures: Visual and Near-Infrared Remote Sensing Techniques.
N85-13358/5 **07**-*514,775* PC **A02**/MF **A01**

**NASA-CR-174088**
Research in Computer Science.
N85-14572/0 **08**-*516,632* PC **A02**/MF **A01**

**NASA-CR-174089**
Mars Polar Volatiles: Topographic and Geologic Setting.
N85-13708/1 **07**-*514,395* PC **A02**/MF **A01**

**NASA-CR-174103**
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N85-14774/2 **08**-*516,483* PC **A03**/MF **A01**

**NASA-CR-174104**
Ocean Services User Needs Assessment. Volume 1. Survey Results, Conclusions and Recommendations.
N85-13445/0 **07**-*514,447* PC **A07**/MF **A01**

**NASA-CR-174105**
Physics on Aircraft Wakes.
N85-12871/8 **07**-*514,323* PC **A02**/MF **A01**

**NASA-CR-174106**
Investigation of RF Excited CW CO2 Waveguide Lasers.
N85-13221/5 **07**-*515,546* PC **A03**/MF **A01**

**NASA-CR-174108**
Software Used with the Flux Mapper at the Solar Parabolic Dish Test Site.
N85-13376/7 **07**-*514,921* PC **A04**/MF **A01**

**NASA-CR-174109**
Concentrator Optical Characterization Using Computer Mathematical Modelling and Point Source Testing.
N85-13375/9 **07**-*514,920* PC **A03**/MF **A01**

**NASA-CR-174110**
Experimental Investigation of Two-Dimensional Thrust Augmenting Ejectors, Part 2.
N85-12895/7 **07**-*515,685* PC **A05**/MF **A01**

**NASA-CR-174111**
Experimental Investigation of Two-Dimensional Thrust Augmenting Ejectors, Part 1.
N85-12894/0 **07**-*515,684* PC **A06**/MF **A01**

**NASA-CR-174112**
Technologies for Space Station Autonomy.
N85-12906/2 **07**-*515,713* PC **A05**/MF **A01**

**NASA-CR-174113**
Preliminary Checkout, Evaluation and Calibration of a 3-Component Force Measurement System for Calibrating Propulsion Simulators for Wind Tunnel Models.
N85-12903/9 **07**-*515,220* PC **A09**/MF **A01**

**NASA-CR-174115**
Restoration of Multichannel Microwave Radiometric Images.
N85-13527/5 **07**-*514,830* PC **A03**/MF **A01**

**NASA-CR-174116**
Noise Removal in Multichannel Images.
N85-13526/7 **07**-*514,829* PC **A02**/MF **A01**

**NASA-CR-174119**
LANDSAT Instruments Characterization.
N85-14197/6 **08**-*516,626* PC **A02**/MF **A01**

**NASA-CR-174120**
LANDSAT Instruments Characterization.
N85-14198/4 **08**-*516,627* PC **A02**/MF **A01**

**NASA-CR-174121**
LANDSAT Instruments Characterization.
N85-14199/2 **08**-*516,628* PC **A02**/MF **A01**

**NASA-CR-174122**
Characterizing the Scientific Potential of Satellite Sensors.
N85-14200/8 **08**-*516,629* PC **A02**/MF **A01**

**NASA-CR-174123**
LANDSAT Instruments Characterization.
N85-13356/9 **07**-*514,822* PC **A02**/MF **A01**

**NASA-CR-174124**
Avaliacao de Tecnicas de Tratamento for Computador de Dados Digitais Mss-Landsat NA Discriminacao Litologica NA Serra Do Ramalho, Estado DA Bahia (Assessment of Computer Techniques for Processing Digital Landsat MSS Data for Lithological Discrimination of Serra Do Ramalho, State of Bahia).
N85-12412/1 **05**-*511,382* PC **A03**/MF **A01**

**NASA-CR-174125**
Continental and Oceanic Crustal Magnetization Modelling.
N85-12413/9 **05**-*511,453* PC **A02**/MF **A01**

**NASA-CR-174126**
Especificacao e Projeto Preliminar do Sistema Carta para Cartografia por Satelite (Specification and Preliminary Design of the Carta System for Satellite Cartography).
N85-12414/7 **05**-*511,354* PC **A04**/MF **A01**

**NASA-CR-174127**
Avaliacao de Criterios de Selecao de Atributos Espectrais de Imagens Digitais MSS-LANDSAT, Em Discriminacoes Litologicas no Baixo Vale do Rio Curaca, Bahia (Evaluation of Criteria for Selecting the Spectral Attributes of Digital LANDSAT MSS Imagery for Discriminating Lithological Units in the Lower Curaca River Valley, Bahia).
N85-12415/4 **05**-*511,383* PC **A03**/MF **A01**

**NASA-CR-174128**
Effects of the Oceans on Polar Motion: Continued Investigations.
N85-12416/2 **05**-*511,367* PC **A02**/MF **A01**

**NASA-CR-174129**
Investigation of Several Aspects of LANDSAT 4/5 Data Quality.
N85-13357/7 **07**-*514,823* PC **A02**/MF **A01**

**NASA-CR-174131**
LANDSAT4/5 Image Data Quality Analysis.
N85-12417/0 **05**-*511,500* PC **A02**/MF **A01**

**NASA-CR-174132**
Magnetohydrodynamic and Gasdynamic Theories for Planetary Bow Waves.
N85-12850/2 **06**-*512,745* PC **A04**/MF **A01**

**NASA-CR-174133**
Spectral Components at Visual and Infrared Wavelengths in Active Galactic Nuclei.
N85-12832/0 **06**-*512,733* PC **A02**/MF **A01**

**NASA-CR-174134**
Studies of the Chemistry of Vibrationally and Electronically Excited Species in Planetary Upper Atmospheres.
N85-12851/0 **06**-*512,746* PC **A03**/MF **A01**

**NASA-CR-174135**
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N85-13760/2 **07**-*514,399* PC **A04**/MF **A01**

**NASA-CR-174138**
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N85-13663/8 **07**-*514,380* PC **A05**/MF **A01**

**NASA-CR-174141**
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N85-13705/7 **07**-*514,393* PC **A02**/MF **A01**

**NASA-CR-174142**
Laboratory Studies of Atomic Collision Processes of Importance in Planetary Atmospheres.
N85-13758/6 **07**-*514,397* PC **A03**/MF **A01**

**NASA-CR-174143**
Time Dependent Effects at the Foot of the Chromosphere.
N85-13762/8 **07**-*514,401* PC **A02**/MF **A01**

**NASA-CR-174144**
Study of the Structure of Turbulent Shear Flows at Supersonic Speeds and High Reynolds Number.
N85-12865/0 **07**-*515,531* PC **A04**/MF **A01**

**NASA-CR-174145**
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N85-13699/2 **07**-*514,387* PC **A06**/MF **A01**

**NASA-CR-174146**
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N85-13759/4 **07**-*514,398* PC **A04**/MF **A01**

**NASA-CR-174149**
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**NASA-CR-174153**
Oscillator Strengths for OII Ions.
N85-13558/0 **07**-*514,706* PC **A02**/MF **A01**

**NASA-CR-174154**
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N85-13424/5 **07**-*514,416* PC **A02**/MF **A01**

**NASA-CR-174155**
Lithospheric Structure in the Pacific Geoid.
N85-13365/0 **07**-*514,739* PC **A02**/MF **A01**

**NASA-CR-174156**
Archean Sedimentation and Tectonics in Southern Africa.
N85-13408/8 **07**-*514,748* PC **A02**/MF **A01**

**NASA-CR-174157**
Nondestructive Evaluation of Residual Stress in Low Carbon Steel.
N85-13264/5 **07**-*514,997* PC **A03**/MF **A01**

**NASA-CR-174158**
Particle Velocity Experiments in Anorthosite and Gabbro.
N85-13407/0 **07**-*514,747* PC **A02**/MF **A01**

**NASA-CR-174159**
Velocity-Changing Collisional Effects in Nonlinear Atomic Spectroscopy and Photon Echo Decay in Gases.
N85-13559/8 **07**-*514,707* PC **A02**/MF **A01**

**NASA-CR-174160**
Scintillator-Fiber Charged Particle Track-Imaging Detector.
N85-13560/6 **07**-*515,360* PC **A03**/MF **A01**

**NASA-CR-174161**
International Test and Demonstration of a 1-Mw Wellhead Generator: Helical Screw Expander Power Plant.
N85-13372/6 **07**-*514,946* PC **A11**/MF **A01**

**NASA-CR-174162**
Multisensor Satellite Data Integration for Sea Surface Wind Speed and Direction Determination.
N85-13446/8 **07**-*514,770* PC **A05**/MF **A01**

**NASA-CR-174163**
Evaluation of Heat Engine for Hybrid Vehicle Application.
N85-13245/4 **07**-*515,604* PC **A04**/MF **A01**

**NASA-CR-174164**
RS CV sub n Binary Systems.
N85-13704/0 **07**-*514,392* PC **A02**/MF **A01**

**NASA-CR-174165**

Outer Atmospheres of Giant and Supergiant Stars.
N85-13703/2 **07**-*514,391* PC **A02**/MF **A01**

**NASA-CR-174166**

Far-Infrared Line Emission from the Galaxy.
N85-13702/4 **07**-*514,390* PC **A10**/MF **A01**

**NASA-CR-174167**

Analysis of the Impact of Error Detection on Computer Performance.
N85-13477/3 **07**-*514,824* PC **A02**/MF **A01**

**NASA-CR-174168**

Unified Method for Evaluating Real-Time Computer Controllers: A Case Study.
N85-13478/1 **07**-*514,342* PC **A03**/MF **A01**

**NASA-CR-174169**

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N85-13447/6 **07**-*514,733* PC **A05**/MF **A01**

**NASA-CR-174170**

Mission Science Value-Cost Savings from the Advanced Imaging Communication System (AICS) (Advanced Imaging Communication System).
N85-12905/4 **07**-*515,283* PC **A03**/MF **A01**

**NASA-CR-174171**

Dynamics of Coupled Ice-Ocean System in the Marginal Ice Zone: Study of the Mesoscale Processes and of Constitutive Equations for Sea Ice.
N85-13448/4 **07**-*514,776* PC **A06**/MF **A01**

**NASA-CR-174172**

Role of Freestream Turbulence Scale in Subsonic Flow Separation.
N85-12870/0 **07**-*514,322* PC **A03**/MF **A01**

**NASA-CR-174173**

Modulation of the Cytosolic Androgen Receptor in Striated Muscle by Sex Steroids.
N85-13468/2 **07**-*514,642* PC **A02**/MF **A01**

**NASA-CR-174174**

Alternative to Reduction of Surface Pressure to Sea Level.
N85-13422/9 **07**-*514,415* PC **A02**/MF **A01**

**NASA-CR-174175**

Undetected Error Probability for Shortened Hamming Codes.
N85-13535/8 **07**-*514,860* PC **A02**/MF **A01**

**NASA-CR-174176**

Transformation of Two and Three-Dimensional Regions by Elliptic Systems.
N85-13529/1 **07**-*515,041* PC **A02**/MF **A01**

**NASA-CR-174182**

Site-Specific Research Conducted in Support of the Salton Sea Solar Pond Project, FY 1982 Report.
N85-14280/0 **08**-*516,764* PC **A06**/MF **A01**

**NASA-CR-174183**

Salt-Gradient Solar Ponds: Summary of US Department of Energy Sponsored Research.
N85-14286/7 **08**-*516,765* PC **A08**/MF **A01**

**NASA-CR-174184**

Interaction of Global Biochemical Cycles.
N85-14183/6 **08**-*515,833* PC **A12**/MF **A01**

**NASA-CR-174185**

Convective Scale Weather Analysis and Forecasting.
N85-15320/3 **09**-*518,465* PC **A02**/MF **A01**

**NASA-CR-174188**

Analise Integrada dos Produtos de Sensonamento Remoto em Levantamentos Geologicos Basicos (Integrated Analysis of Remote Sensing Products from Basic Geological Surveys).
N85-16248/5 **10**-*521,840* PC **A02**/MF **A01**

**NASA-CR-174189**

Experiencias com Processamento Digital de Imagens no INPE (Instituto de Pesquisas Espaciais) (Experiences with Digital Processing of Images at INPE (Instituto de Pesquisas Espaciais)).
N85-15247/8 **10**-*521,963* PC **A02**/MF **A01**

**NASA-CR-174194**

Studies of Radiative Transfer in Planetary Atmospheres.
N85-14778/3 **08**-*515,820* PC **A02**/MF **A01**

**NASA-CR-174195**

Alterations in Skeletal Muscle with Disuse Atrophy.
N85-15349/2 **09**-*518,770* PC **A02**/MF **A01**

**NASA-CR-174196**

Lower Atmospheric Composition of Jupiter from Voyager Infrared Measurements.
N85-14779/1 **08**-*515,821* PC **A02**/MF **A01**

**NASA-CR-174197**

Shock-Induced CO2 Loss from CaCO3: Implications for Early Planetary Atmospheres.
N85-14777/5 **08**-*515,819* PC **A03**/MF **A01**

**NASA-CR-174198**

Utilization of SAGE Aerosol Profiles in the Analysis of Mauna Loa Stratospheric Lidar Data.
N85-14332/9 **08**-*515,834* PC **A02**/MF **A01**

**NASA-CR-174199**

Boundary Layer Simulator Improvement.
N85-13802/2 **09**-*518,307* PC **A07**/MF **A01**

**NASA-CR-174201**

Differentiated Meteorites and the Components of Chondrites.
N85-15649/5 **09**-*518,438* PC **A02**/MF **A01**

**NASA-CR-174203**

Electromagnetic Resonances of Cylinders and Aircraft Model with Resistive Wires.
N85-15319/5 **09**-*518,342* PC **A04**/MF **A01**

**NASA-CR-174204**

Theoretical Studies of Chromospheres and Winds in Cool Stars.
N85-15596/8 **09**-*518,436* PC **A02**/MF **A01**

**NASA-CR-174205**

Oblique Focus ICCD Laboratory Evaluation.
N85-15480/5 **09**-*518,432* PC **A02**/MF **A01**

**NASA-CR-174206**

Analysis of Jovian Decametric Data: Study of Radio Emission Mechanisms.
N85-17917/4 **11**-*523,340* PC **A02**/MF **A01**

**NASA-CR-174207**

Unidentified IRAS Sources: Ultrahigh Luminosity Galaxies.
N85-15537/2 **09**-*518,434* PC **A02**/MF **A01**

**NASA-CR-174208**

IRAS Galaxy 0421 + 040P06: An Active Spiral Galaxy with Extended Radio Lobes.
N85-15536/4 **09**-*518,433* PC **A03**/MF **A01**

**NASA-CR-174209**

How Many Earth-Approaching Asteroids Are There.
N85-15650/3 **09**-*518,443* PC **A02**/MF **A01**

**NASA-CR-174210**

Precise Control of Flexible Manipulators.
N85-16178/4 **10**-*522,401* PC **A04**/MF **A01**

**NASA-CR-174219**

Study of the Stress Wave Factor Technique for the Characterization of Composite Materials.
N85-15821/0 **10**-*522,096* PC **A06**/MF **A01**

**NASA-CR-174220**

Classification of Vegetation Communities in the Battle Mountain SE Quadrangle, Nevada with MSS Digital Data.
N85-15246/0 **10**-*521,559* PC **A03**/MF **A01**

**NASA-CR-174221**

Characterizing the Scientific Potential of Satellite Sensors.
N85-16244/4 **10**-*521,803* PC **A02**/MF **A01**

**NASA-CR-174222**

Integrated LANDSAT/Ancillary Data Classification of Desert Rangeland.
N85-15248/6 **10**-*521,560* PC **A02**/MF **A01**

**NASA-CR-174223**

Geographic Information System for Resource Manayors Based on Multi-Level Remote Sensing Data.
N85-15249/4 **10**-*521,825* PC **A02**/MF **A01**

**NASA-CR-174224**

Effective Use of Remote Sensing Products in Litigation.
N85-15250/2 **10**-*521,257* PC **A02**/MF **A01**

**NASA-CR-174225**

Detecting Agricultural to Urban Land Use Change from Multi-Temporal MSS Digital Data.
N85-16245/1 **10**-*522,285* PC **A02**/MF **A01**

**NASA-CR-174226**

Integrated Remote Sensing Approach for Identifying Ecological Range Sites.
N85-16246/9 **10**-*521,804* PC **A02**/MF **A01**

**NASA-CR-174227**

Characterizing the Scientific Potential of Satellite Sensors.
N85-16249/3 **10**-*521,805* PC **A02**/MF **A01**

**NASA-CR-174228**

LANDSAT-4 Thematic Mapper Modulation Transfer Function (MFT) Evaluation.
N85-16250/1 **10**-*521,806* PC **A02**/MF **A01**

**NASA-CR-174229**

Study of Spectral/Radiometric Characteristics of the Thematic Mapper for Land Use Applications.
N85-16268/3 **10**-*521,807* PC **A03**/MF **A01**

**NASA-CR-174230**

Growth/Reflectance Model Interface for Wheat and Corresponding Model.
N85-16269/1 **10**-*520,995* PC **A03**/MF **A01**

**NASA-CR-174231**

Thematic Mapper. Volume 1. Calibration Report Flight Model, LANDSAT 5.
N85-16270/9 **10**-*522,498* PC **A11**/MF **A01**

**NASA-CR-174232**

Thematic Mapper. Volume 2. Flight Model Preshipment Review.
N85-16271/7 **10**-*522,499* PC **A11**/MF **A01**

**NASA-CR-174242**

Mineralogy of Global Magnetic Anomalies.
N85-16272/5 **10**-*521,841* PC **A08**/MF **A01**

**NASA-CR-174245**

Analysis of Physical-Chemical Processes Governing SSME Internal Fluid Flows.
N85-14862/5 **09**-*520,212* PC **A05**/MF **A01**

**NASA-CR-174246**

Improved Computer Model for Prediction of Axial Gas Turbine Performance Losses.
N85-15724/6 **10**-*523,188* PC **A06**/MF **A01**

**NASA-CR-174247**

Development and Test of Ultra-Large-Format Multi-Anode Microchannel Array Detector Systems.
N85-16622/1 **10**-*522,582* PC **A02**/MF **A01**

**NASA-CR-174248**

Evaluation of a Deformable Diffraction Grating for a Stigmatic EUV Spectroheliometer.
N85-16621/3 **10**-*522,978* PC **A02**/MF **A01**

**NASA-CR-174249**

Research Relative to the Development of a Cryogenic Microwave Cavity Gradiometer for Orbital Use.
N85-16095/0 **10**-*522,484* PC **A03**/MF **A01**

**NASA-CR-174250**

Computational Analysis of Scramjet Dual Mode Operation.
N85-16060/4 **10**-*523,191* PC **A02**/MF **A01**

**NASA-CR-174252**

Synthesis of Proterozoic Data as a Prerequisite for Tectonic and Thermal Modeling.
N85-16323/6 **10**-*521,842* PC **A04**/MF **A01**

**NASA-CR-174256**

Natural Interference Phenomena Affecting Spaceborne Receivers.
N85-15798/0 **10**-*522,482* PC **A02**/MF **A01**

**NASA-CR-174257**

Demonstration of Transparent Solar Array Module Design.
N85-16302/0 **10**-*522,060* PC **A05**/MF **A01**

**NASA-CR-174258**

Second-Order Accurate Parabolized Navier-Stokes Algorithm for Internal Flows.
N85-16059/6 **10**-*522,945* PC **A02**/MF **A01**

**NASA-CR-174259**

Multijunction Cells for Concentrators: Technology Prospects.
N85-16295/6 **10**-*522,056* PC **A03**/MF **A01**

**NASA-CR-174260**

Target Detection Using Microwave Irradiances from Natural Sources: A Passive, Local and Global Surveillance System.
N85-15991/1 **10**-*522,581* PC **A03**/MF **A01**

**NASA-CR-174261**

13C Nuclear Magnetic Resonance in Graphite Intercalation Compounds.
N85-16601/5 **10**-*521,739* PC **A02**/MF **A01**

**NASA-CR-174262**

Understanding the High Pressure Properties of Molecular Solids and Molecular Surfaces Deposited on Hetrogeneous Substrates.
N85-16649/4 **10**-*521,018* PC **A02**/MF **A01**

**NASA-CR-174263**

Performance and Cost of Energy Transport and Storage Systems for Dish Applications Using Reversible Chemical Reactions.
N85-16298/0 **10**-*522,068* PC **A04**/MF **A01**

**NASA-CR-174264**

Biocatalyzed Processes for Production of Commodity Chemicals: Assessment of Future Research Advances for n-Butanol Production.
N85-15819/4 **10**-*521,658* PC **A03**/MF **A01**

**NASA-CR-174265**

What Should Doe Do to Help Establish Voluntary Consensus Standards for Measuring and Rating the Performance of PV Modules.
N85-16297/2 **10**-*522,057* PC **A04**/MF **A01**

**NASA-CR-174266**

Infrared Technology for Satellite Power Conversion.
N85-16293/1 **10**-*522,054* PC **A03**/MF **A01**

**NASA-CR-174267**

Research in Support of NASA's Space Science.
N85-17728/5 **11**-*523,374* PC **A02**/MF **A01**

**NASA-CR-174268**

20 Ghz Proof-of-Concept Test Model Results for a Multiple Scan Beam Dual Reflector Antenna.
N85-15944/0 **10**-*522,004* PC **A02**/MF **A01**

**NASA-CR-174269**

Spaceborne Receivers: Basic Principles.
N85-15990/3 **10**-*522,483* PC **A05**/MF **A01**

**NASA-CR-174270**

Results of the 1984 NASA/JPL Balloon Flight Solar Cell Calibration Program.
N85-16294/9 **10**-*522,055* PC **A02**/MF **A01**

**NASA-CR-174271**

Flow of Nitrogen-Pressurized Halon 1301 in Fire Extinguishing Systems.
N85-15701/4 **10**-*522,426* PC **A06**/MF **A01**

**NASA-CR-174272**
JPL Robotics Laboratory Computer Vision Software Library.
N85-16491/1 **10**-*521,968* PC **A03**/MF **A01**

**NASA-CR-174273**
Performance Characteristics of a Battery Charger and State-of-Charge Indicator.
N85-15992/9 **10**-*522,067* PC **A04**/MF **A01**

**NASA-CR-174274**
Antisoiling Technology: Theories of Surface Soiling and Performance of Antisoiling Surface Coatings.
N85-16296/4 **10**-*522,035* PC **A03**/MF **A01**

**NASA-CR-174275**
Power Transfer from Natural Emitters to Collection Apertures at Microwave Wavelengths.
N85-15989/5 **10**-*522,580* PC **A03**/MF **A01**

**NASA-CR-174276**
Study of High Performance Alloy Electroforming.
N85-15875/6 **10**-*522,385* PC **A02**/MF **A01**

**NASA-CR-174277**
Ultrasound Instrumentation for the 7 Inch Mach Seven Tunnel.
N85-16586/8 **10**-*522,501* PC **A03**/MF **A01**

**NASA-CR-174278**
Calibration of Photographic and Spectroscopic Films: A Densitometric Analysis of IIaO Film Flown Aboard the Space Shuttle 3.
N85-16101/6 **10**-*522,520* PC **A02**/MF **A01**

**NASA-CR-174279**
Random Equations in Aerodynamics.
N85-16825/0 **11**-*523,221* PC **A02**/MF **A01**

**NASA-CR-174280**
Facility Safety Study.
N85-15759/2 **10**-*522,427* PC **A10**/MF **A01**

**NASA-CR-174281**
MMIC Devices for Active Phased Array Antennas.
N85-15943/2 **10**-*522,003* PC **A02**/MF **A01**

**NASA-CR-174282**
SIR-B Science Investigations Plan.
N85-17208/8 **11**-*524,926* PC **A10**/MF **A01**

**NASA-CR-174287**
Silicon Superlattices. 2: Si-Ge Heterostructures and MOS Systems.
N85-17711/1 **11**-*525,648* PC **A03**/MF **A01**

**NASA-CR-174288**
Spectroscopic Observations of Selected Stellar Systems.
N85-17915/8 **11**-*523,338* PC **A02**/MF **A01**

**NASA-CR-174289**
Calculation of Theoretical Chromospheric Models and the Interpretation of Solar Spectra from Rockets and Spacecraft.
N85-17922/4 **11**-*523,344* PC **A04**/MF **A01**

**NASA-CR-174290**
Coronal and Chromospheric Physics.
N85-17921/6 **11**-*523,343* PC **A02**/MF **A01**

**NASA-CR-174291**
Mineralogical Investigations of Lunar Samples and Meteorites.
N85-17918/2 **11**-*523,341* PC **A02**/MF **A01**

**NASA-CR-174292**
Investigation of Dynamic Noise Affecting Geodynamics Information in a Tethered Subsatellite.
N85-17405/0 **11**-*524,092* PC **A04**/MF **A01**

**NASA-CR-174293**
NASA Three-Laser Airborne Differential Absorption Lidar System Electronics.
N85-17353/2 **11**-*524,809* PC **A05**/MF **A01**

**NASA-CR-174294**
Summary of Activities of Aeronautics and Space Engineering Board.
N85-17729/3 **11**-*525,846* PC **A02**/MF **A01**

**NASA-CR-174295**
Gravity Anomaly Map of Mars and Moon and Analysis of Venus Gravity Field: New Analysis Procedures.
N85-17919/0 **11**-*523,342* PC **A03**/MF **A01**

**NASA-CR-174296**
Research Program to Study Transition Metal Trimers and Embedded Clusters.
N85-17093/4 **11**-*524,044* PC **A04**/MF **A01**

**NASA-CR-174297**
Impact and Collisional Processes in the Solar System.
N85-17914/1 **11**-*523,337* PC **A02**/MF **A01**

**NASA-CR-174298**
Elemental Abundances of Mercury-Manganese Stars and the Population 2 Type Star HD 109995.
N85-17913/3 **11**-*523,336* PC **A02**/MF **A01**

**NASA-CR-174299**
Investigation of Vortex-Induced Aerodynamic Characteristics of Supersonic Cruise Configurations.
N85-15690/9 **10**-*520,940* PC **A02**/MF **A01**

**NASA-CR-174300**
Research Relative to Plasma Transport Across the Magnetopause.
N85-16636/1 **10**-*521,027* PC **A02**/MF **A01**

**NASA-CR-174301**
Flow of Plasma in the Solar Terrestrial Environment.
N85-17707/9 **11**-*523,373* PC **A02**/MF **A01**

**NASA-CR-174311**
Infrared Astronomical Satellite (IRAS) Catalogs and Atlases. Explanatory Supplement
N85-18898/5 **12**-*525,983* PC **E14**/MF **A01**

**NASA-CR-174312**
Analysis of Terrestrial Conditions and Dynamics.
N85-17401/9 **11**-*523,797* PC **A02**/MF **A01**

**NASA-CR-174313**
Shortwave Infrared Detection of Vegetation.
N85-17402/7 **11**-*523,286* PC **A02**/MF **A01**

**NASA-CR-174314**
Effects of High Energy Radiation on the Mechanical Properties of Epoxy-Graphite Fiber Reinforced Composites.
N85-17047/0 **11**-*524,452* PC **A04**/MF **A01**

**NASA-CR-174315**
Coding for Reliable Satellite Communications.
N85-17257/5 **11**-*524,876* PC **A02**/MF **A01**

**NASA-CR-174316**
Space Station Needs, Attributes, and Architectural Option Study.
N85-17011/6 **11**-*525,831* PC **A09**/MF **A01**

**NASA-CR-174317**
Sea Breeze-Induced Mesoscale Systems and Severe Weather.
N85-17480/3 **11**-*523,391* PC **A02**/MF **A01**

**NASA-CR-174318**
Research on Optimal Control, Stabilization and Computational Algorithms for Aerospace Applications.
N85-17603/0 **11**-*524,549* PC **A04**/MF **A01**

**NASA-CR-174319**
Completely Monotone Regression Estimates of Software Failure Rates.
N85-17575/0 **11**-*524,269* PC **A02**/MF **A01**

**NASA-CR-174321**
Pilot Climate Data System.
N85-17481/1 **11**-*523,392* PC **A02**/MF **A01**

**NASA-CR-174326**
Vectorizable Multigrid Algorithms for Transonic Flow Calculations.
N85-16827/6 **11**-*525,355* PC **A05**/MF **A01**

**NASA-CR-174327**
Discovery Circumstances of Earth-Approaching Asteroids.
N85-17920/8 **11**-*523,320* PC **A03**/MF **A01**

**NASA-CR-174328**
Cometary Ion Mass Spectrometer.
N85-17343/3 **11**-*524,807* PC **A06**/MF **A01**

**NASA-CR-174330**
Natural Environment Analysis.
N85-17433/2 **11**-*525,848* PC **A04**/MF **A01**

**NASA-CR-174331**
Automated Assembly of Gallium Arsenide and 50-Micron Thick Silicon Solar Cell Modules.
N85-17364/9 **11**-*524,386* PC **A02**/MF **A01**

**NASA-CR-174332**
Computational Fluid Mechanics Utilizing the Variational Principle of Modeling Damping Seals.
N85-17325/0 **11**-*525,838* PC **A03**/MF **A01**

**NASA-CR-174333**
Railroad Safety Program. Volume 1.
N85-18830/8 **12**-*527,387* PC **A12**/MF **A01**

**NASA-CR-174334**
Design and Fabrication of a CCD Camera for Use with Relay Optics in Solar X-Ray Astronomy.
N85-17344/1 **11**-*524,829* PC **A04**/MF **A01**

**NASA-CR-174335**
Technology for Satellite Power Conversion.
N85-18451/3 **12**-*527,046* PC **A05**/MF **A01**

**NASA-CR-174336**
Adaptive Antenna Arrays for Weak Interfering Signals.
N85-17258/3 **11**-*524,297* PC **A04**/MF **A01**

**NASA-CR-174337**
Effect of Disuse on Sarcoplasmic Reticulum in Fast and Slow Skeletal Muscle.
N85-17508/1 **11**-*523,897* PC **A02**/MF **A01**

**NASA-CR-174338**
Extended Atmospheres of Outer Planet Satellites and Comets.
N85-17916/6 **11**-*523,339* PC **A02**/MF **A01**

**NASA-CR-174339**
Comparison of Rat Myosin from Fast and Slow Skeletal Muscle and the Effect of Disuse.
N85-17510/7 **11**-*523,899* PC **A02**/MF **A01**

**NASA-CR-174340**
Acid Phosphatase and Protease Activities in Immobilized Rat Skeletal Muscles.
N85-17509/9 **11**-*523,898* PC **A02**/MF **A01**

**NASA-CR-174341**
Information Extraction and Transmission Techniques for Spaceborne Synthetic Aperture Radar Images.
N85-17256/7 **11**-*524,266* PC **A12**/MF **A01**

**NASA-CR-174342**
Study of Reynolds-Stress Closure Model.
N85-17324/3 **11**-*525,358* PC **A03**/MF **A01**

**NASA-CR-174343**
Resident Research Associateships. Postdoctoral and Senior Research Awards: Opportunities for Research at the Jet Propulsion Laboratory.
N85-18945/4 **12**-*526,270* PC **A04**/MF **A01**

**NASA-CR-174345**
Middle Atmosphere Program. Handbook for MAP. Volume 13: Ground-Based Techniques.
N85-17452/2 **11**-*523,368* PC **A12**/MF **A01**

**NASA-CR-174346**
Verification and Application of the Iosipescu Shear Test Method.
N85-18376/2 **12**-*527,087* PC **A06**/MF **A01**

**NASA-CR-174347**
Semiconductor Superlattice Photodetectors.
N85-18791/2 **12**-*527,663* PC **A02**/MF **A01**

**NASA-CR-174348**
Raster Graphics Extensions to the Core System.
N85-18590/8 **12**-*526,931* PC **A02**/MF **A01**

**NASA-CR-174349**
Analysis of the Viking Lander 1 Surface Wind Vector for Sols 45 to 375.
N85-18932/2 **12**-*525,996* PC **A02**/MF **A01**

**NASA-CR-174350**
Evaluation of a Deformable Diffraction Grating for a Stigmatic EUV Spectroheliometer.
N85-18309/3 **12**-*527,488* PC **A02**/MF **A01**

**NASA-CR-174351**
Research Study of Space Plasma Boundary Processes.
N85-19823/2 **13**-*528,422* PC **A03**/MF **A01**

**NASA-CR-174353**
Research Applied to Transonic Compressors in Numerical Fluid Mechanics of Inviscid Flow and Viscous Flow.
N85-18291/3 **12**-*528,245* PC **A05**/MF **A01**

**NASA-CR-174354**
International Ultraviolet Explorer Observations of Amorphous Hot Galaxies.
N85-19904/0 **13**-*528,395* PC **A03**/MF **A01**

**NASA-CR-174355**
Comparative Effects of Auxin and Abscisic Acid on Growth, Hydrogen Ion Efflux and Gravitropism in Primary Roots of Maize.
N85-18444/8 **12**-*526,375* PC **A02**/MF **A01**

**NASA-CR-174356**
Global Scale Diagnoses of FGGE Data.
N85-18533/8 **12**-*526,036* PC **A02**/MF **A01**

**NASA-CR-174357**
Characterization of CNRS Fizeau Wedge Laser Tuner.
N85-18328/3 **12**-*527,941* PC **A02**/MF **A01**

**NASA-CR-174361**
Combined Ultraviolet Studies of Astronomical Sources.
N85-18910/8 **12**-*525,985* PC **A02**/MF **A01**

**NASA-CR-174366**
Telecommunications and Data Acquisition Report.
N85-19224/3 **13**-*529,931* PC **A13**/MF **A01**

**NASA-CR-174367**
Resolution Enhancement of Multichannel Microwave Imagery from the Nimbus-7 SMMR for Maritime Rainfall Analysis.
N85-19221/9 **13**-*528,444* PC **A03**/MF **A01**

**NASA-CR-174368**
NASA New Technology Identification and Evaluation.
N85-18832/4 **12**-*526,269* PC **A02**/MF **A01**

**NASA-CR-174369**
Boundary Layer on Compressor Cascade Blades.
N85-18292/1 **12**-*528,246* PC **A03**/MF **A01**

**NASA-CR-174370**
Boundary Conditions for the Paleoenvironment: Chemical and Physical Processes in the Pre-Solar Nebula.
N85-19901/6 **13**-*528,393* PC **A02**/MF **A01**

**NASA-CR-174374**
Improvement of Workload Estimation Techniques in Piloting Tasks.
N85-19646/7 **13**-*528,602* PC **A02**/MF **A01**

**NASA-CR-174375**
Binary Weight Distribution of Some Reed-Solomon Codes.
N85-18628/6 **12**-*526,964* PC **A02**/MF **A01**

**NASA-CR-174376**
Lyman alpha Coronagraph Research Sounding Rocket Program.
N85-18517/1 **12**-*525,981* PC **A03**/MF **A01**

**NASA-CR-174378**
Progenitors of White Dwarfs.

N85-18913/2 **12**-*525,988* PC **A02**/MF **A01**

**NASA-CR-174379**
Ultraviolet Spectroscopy of Selected Astronomical Sources.
N85-18912/4 **12**-*525,987* PC **A02**/MF **A01**

**NASA-CR-174380**
Metal Vapor Arc Switch Electromagnetic Accelerator Technology.
N85-18259/0 **12**-*526,880* PC **A04**/MF **A01**

**NASA-CR-174381**
Commerce Lab. Mission Analysis and Payload Integration Study.
N85-18993/4 **13**-*530,705* PC **A05**/MF **A01**

**NASA-CR-174383**
Space Station Engineering and Technology Development.
N85-18079/2 **12**-*528,265* PC **A05**/MF **A01**

**NASA-CR-174384**
Development and Operation of a Real-Time Data Acquisition System for the NASA-Larc Differential Absorption Lidar.
N85-18583/3 **12**-*526,010* PC **A04**/MF **A01**

**NASA-CR-174398**
Extended Atmospheres of Outer Planet Satellites and Comets.
N85-18933/0 **12**-*525,997* PC **A02**/MF **A01**

**NASA-CR-174399**
Assessment of LANDSAT for Rangeland Mapping, Rush Valley, Utah.
N85-19486/8 **13**-*529,019* PC **A03**/MF **A01**

**NASA-CR-174400**
Integrated GIS(Geographic Information System)/Remote Sensing Data Base in North Cache Soil Conservation District, Utah: A Pilot Project for the Utah Department of Agriculture's RIMS (Resource Inventory and Monitoring System).
N85-19487/6 **13**-*528,533* PC **A04**/MF **A01**

**NASA-CR-174401**
Anaysis of the Quality of Image Data Required by the LANDSAT-4 Thematic Mapper and Multispectral Scanner.
N85-19488/4 **13**-*528,361* PC **A08**/MF **A01**

**NASA-CR-174402**
Study of Spectral/Radiometric Characteristics of the Thematic Mapper for Land Use Applications.
N85-19489/2 **13**-*529,020* PC **A03**/MF **A01**

**NASA-CR-174403**
LANDSAT 4 Investigation of Thematic Mapper and Multispectral Scanner Applications.
N85-19490/0 **13**-*529,198* PC **A02**/MF **A01**

**NASA-CR-174404**
Spectroradiometric Calibration of the Thematic Mapper and Multispectral Scanner System.
N85-19491/8 **13**-*529,021* PC **A03**/MF **A01**

**NASA-CR-174405**
Thematic Mapper: Design Through Flight Evaluation (Revised).
N85-19492/6 **13**-*529,022* PC **A10**/MF **A01**

**NASA-CR-174406**
Brazilian Remote Sensing Receiving, Recording and Processing Ground Systems in the 1980'S.
N85-19493/4 **13**-*529,199* PC **A02**/MF **A01**

**NASA-CR-174409**
Theory Versus Experiment for the Rotordynamic Coefficients of Annular Gas Seals. Part 1. Test Facility and Apparatus.
N85-19417/3 **13**-*529,420* PC **A03**/MF **A01**

**NASA-CR-174410**
Material Growth and Characterization for Solid State Devices.
N85-19847/1 **13**-*530,309* PC **A02**/MF **A01**

**NASA-CR-174411**
Creep-Rupture Behavior of Iron Superalloys in High-Pressure Hydrogen.
N85-19078/3 **13**-*529,497* PC **A03**/MF **A01**

**NASA-CR-174412**
Determination of Corrections to Flow Direction Measurements Obtained with a Wing-Tip Mounted Sensor.
N85-18962/9 **13**-*528,290* PC **A05**/MF **A01**

**NASA-CR-174413**
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N85-19416/5 **13**-*529,419* PC **A02**/MF **A01**

**NASA-CR-174414**
Spectroscopic Study of LMC X-4.
N85-19905/7 **13**-*528,396* PC **A02**/MF **A01**

**NASA-CR-174415**
X-Ray Bursts: Observation Versus Theory.
N85-19916/4 **13**-*528,403* PC **A02**/MF **A01**

**NASA-CR-174416**
Solar Optical Telescope Primary Mirror Controller.
N85-19903/2 **13**-*529,203* PC **A06**/MF **A01**

**NASA-CR-174432**
Research in Extreme Ultraviolet and Far Ultraviolet Astronomy.
N85-19902/4 **13**-*528,394* PC **A02**/MF **A01**

**NASA-CR-174433**
Directivity of Bremsstrahlung Radiation from Relativistic Beams and the gamma-Rays from Solar Flares.
N85-19913/1 **13**-*528,401* PC **A03**/MF **A01**

**NASA-CR-174434**
Rain Volume Estimation over Areas Using Satellite and Radar Data.
N85-19568/3 **13**-*528,449* PC **A02**/MF **A01**

**NASA-CR-174435**
Development of High Efficiency Solar Cells on Silicon Web.
N85-19521/2 **13**-*529,397* PC **A03**/MF **A01**

**NASA-CR-174436**
Operational Effectiveness of a Multiple Aquila Control System (MACS).
N85-19000/7 **13**-*528,321* PC **A04**/MF **A01**

**NASA-CR-174437**
Development of a Microprocessor-Controlled Linearly-Actuated Valve Assembly.
N85-19415/7 **13**-*530,729* PC **A08**/MF **A01**

**NASA-CR-174438**
Investigation of Welded Interconnection of Large Area Wraparound Contacted Silicon Solar Cells.
N85-19519/6 **13**-*529,396* PC **A03**/MF **A01**

**NASA-CR-174439**
Feasiblity Study for a 34 Ghz (Ka Band) Gyroamplifier.
N85-19325/8 **13**-*529,249* PC **A08**/MF **A01**

**NASA-CR-174440**
Preliminary Evaluation of the Airborne Imaging Spectrometer for Vegetation Analysis.
N85-19496/7 **13**-*529,823* PC **A03**/MF **A01**

**NASA-CR-174442**
Solar Thermochemical Process Interface Study.
N85-19527/9 **13**-*529,348* PC **A06**/MF **A01**

**NASA-CR-174445**
Development of a Polysilicon Process Based on Chemical Vapor Deposition of Dichlorosilane in an Advanced Siemen's Reactor.
N85-20532/6 **14**-*531,442* PC **A03**/MF **A01**

**NASA-CR-174446**
Silicon Film Solar Cell Process.
N85-19514/7 **13**-*529,394* PC **A02**/MF **A01**

**NASA-CR-174447**
Surface and Allied Studies in Silicon Solar Cells.
N85-20531/8 **14**-*531,798* PC **A02**/MF **A01**

**NASA-CR-174448**
Efficient Structures for Geosynchronous Spacecraft Solar Arrays.
N85-19004/9 **13**-*530,719* PC **A03**/MF **A01**

**NASA-CR-174449**
Analysis of Jovian Low Frequency Radio Emissions.
N85-19908/1 **13**-*528,397* PC **A02**/MF **A01**

**NASA-CR-174450**
Intermediate Load Modules for Test and Evaluation: Flat-Plate Solar Array Project.
N85-19512/1 **13**-*529,393* PC **A02**/MF **A01**

**NASA-CR-174537**
Flight-Service Program for Advanced Composite Rudders on Transport Aircraft.
N85-29950/1 **22**-*549,311* PC **A03**/MF **A01**

**NASA-CR-174625**
Subsonic/Transonic Stall Flutter Investigation of a Rotating Rig.
N84-33417/6 **01**-*500,042* PC **A14**/MF **A01**

**NASA-CR-174638**
Phosphoric Acid Fuel Cell Power Plant System Performance Model and Computer Program.
N85-11456/9 **04**-*509,325* PC **A07**/MF **A01**

**NASA-CR-174655**
Advanced Onboard Storage Concepts for Natural Gas-Fueled Automotive Vehicles.
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Advanced Onboard Storage Concepts for Natural Gas-Fueled Automotive Vehicles.
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**NASA-CR-174657**
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**NASA-CR-174662**
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N85-19792/9 **13**-*530,682* PC **A16**/MF **A01**

**NASA-CR-174673**
Characterization of 8-cm Engineering Model Thruster.
N85-11131/8 **04**-*510,425* PC **A05**/MF **A01**

**NASA-CR-174685**
Identification of Quasi-Steady Compressor Characteristics from Transient Data.
N84-34444/9 **02**-*505,221* PC **A13**/MF **A01**

**NASA-CR-174687**
Dispersed-Metal-Toughened Alumina.
DE85008145 **13**-*529,489* PC **A03**/MF **A01**

**NASA-CR-174689**
Transformation Toughened Ceramics for the Heavy Duty Diesel Engine Technology Program.
N85-16698/1 **10**-*522,085* PC **A03**/MF **A01**

**NASA-CR-174695**
Imide Modified Epoxy Matrix Resins.
N85-15892/1 **10**-*522,102* PC **A04**/MF **A01**

**NASA-CR-174697**
Configuration Study for a 30 Ghz Monolithic Receive Array: Technical Assessment.
N85-18238/4 **12**-*526,970* PC **A03**/MF **A01**

**NASA-CR-174697-V-1**
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N85-18239/2 **12**-*526,971* PC **A09**/MF **A01**

**NASA-CR-174697-V-2**
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N85-18240/0 **12**-*526,972* PC **A16**/MF **A01**

**NASA-CR-174700**
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N85-21686/9 **14**-*532,848* PC **A08**/MF **A01**

**NASA-CR-174701**
Energy Efficient Engine Flight Propulsion System Preliminary Analysis and Design Report.
N85-10947/8 **04**-*510,523* PC **A08**/MF **A01**

**NASA-CR-174711**
High-Temperature Optically Activated GaAs Power Switching for Aircraft Digital Electronic Control.
N85-12901/3 **07**-*514,337* PC **A10**/MF **A01**

**NASA-CR-174712**
Fiber Optic, Fabry-Perot High Temperature Sensor.
N85-13594/5 **07**-*515,232* PC **A03**/MF **A01**

**NASA-CR-174713**
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**NASA-CR-174715**
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N85-28109/5 **20**-*545,461* PC **A12**/MF **A01**

**NASA-CR-174716**
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**NASA-CR-174728**
High Temperature Ceramic Interface Study.
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**NASA-CR-174731**
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**NASA-CR-174738**
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**NASA-CR-174739**
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**NASA-CR-174740**
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N85-15877/2 **10**-*522,131* PC **A02**/MF **A01**

**NASA-CR-174745**
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N85-12937/7 **07**-*515,603* PC **A07**/MF **A01**

**NASA-CR-174746**
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N85-12608/0 **06**-*514,291* PC **A09**/MF **A01**

**NASA-CR-174747**
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N85-28372/9 **20**-*545,900* PC **A07**/MF **A01**

**NASA-CR-174750**
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N85-22400/4 **15**-*535,250* PC **A06**/MF **A01**

**NASA-CR-174751**
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N85-19978/4 **14**-*530,772* PC **A12**/MF **A01**

**NASA-CR-174752**
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**NASA-CR-174753**
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N85-11455/1 **04**-*509,324* PC **A06**/MF **A01**

**NASA-CR-174756**
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**NASA-CR-174762**
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**NASA-CR-174767**
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**NASA-CR-174768**
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**NASA-CR-174771**
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DE85014520 **23**-*554,513* PC **A05**/MF **A01**
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N85-30481/4 **22**-*550,355* PC **A05**/MF **A01**

**NASA-CR-174772**
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N85-17023/1 **11**-*525,678* PC **A04**/MF **A01**
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**NASA-CR-174774**
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**NASA-CR-174775**
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**NASA-CR-174776**
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**NASA-CR-174778**
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N85-10209/3 **03**-*507,835* PC **A03**/MF **A01**

**NASA-CR-174779**
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N85-11223/3 **04**-*509,430* PC **A05**/MF **A01**

**NASA-CR-174782**
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**NASA-CR-174783**
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**NASA-CR-174794**
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**NASA-CR-174795**
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**NASA-CR-174796**
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**NASA-CR-174802**
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**NASA-CR-174803**
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**NASA-CR-174804**
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**NASA-CR-174806**
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**NASA-CR-174807**
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**NASA-CR-174809**
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**NASA-CR-174810**
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N85-12935/1 **07**-*515,602* PC **A07**/MF **A01**

**NASA-CR-174812**
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**NASA-CR-174820**
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**NASA-CR-174829**
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**NASA-CR-174331**
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N85-30245/3 **22**-*551,300* PC **A04**/MF **A01**

**NASA-CR-174836**
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**NASA-CR-174837**
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**NASA-CR-174838**
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**NASA-CR-174839**
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**NASA-CR-174840**
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**NASA-CR-174841**
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**NASA-CR-174847**
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**NASA-CR-174848**
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**NASA-CR-174851**
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**NASA-CR-174852**
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**NASA-CR-174855**
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**NASA-CR-174857**
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N85-19021/3 **13**-*530,578* PC **A04**/MF **A01**

**NASA-CR-174863**
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**NASA-CR-174870**
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N85-30035/8 **22**-*550,409* PC **A06**/MF **A01**

**NASA-CR-174872**
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N85-21685/1 **14**-*531,510* PC **A02**/MF **A01**

**NASA-CR-174874**
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N85-25384/7 **18**-*540,766* PC **A09**/MF **A01**

**NASA-CR-174877**
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N85-29363/7 **21**-*548,077* PC **A05**/MF **A01**

**NASA-CR-174879**
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N85-25894/5 **18**-*540,856* PC **A03**/MF **A01**

**NASA-CR-174880**
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**NASA-CR-174885**
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AD-A155 986/3 **21**-*549,001* PC **A09**/MF **A01**
Interaction of Finite-Amplitude Sound with Air-Filled Porous Materials.
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**NASA-CR-174887**
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N85-25941/4 **18**-*540,771* PC **A02**/MF **A01**

**NASA-CR-174888**
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N85-22392/3 **15**-*535,141* PC **A10**/MF **A01**

**NASA-CR-174893**
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N85-22757/7 **15**-*535,255* PC **A04**/MF **A01**

**NASA-CR-174896**
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N85-25262/5 **18**-*542,024* PC **A06**/MF **A01**

**NASA-CR-174900**
Iron Rich Low Cost Superalloys.

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N85-26711/0 19-*543,168* PC **A03**/MF **A01**

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Detailed Studies of Aviation Fuel Flowability.
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N85-30243/8 22-*551,298* PC **A03**/MF **A01**

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N85-32340/0 24-*555,786* PC **A03**/MF **A01**

**NASA-CR-174941**
Continuous Damage Model Based on Stepwise-Stress Creep Rupture Tests.
N85-32341/8 24-*556,991* PC **A02**/MF **A01**

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N84-34024/9 01-*501,461* PC **A07**/MF **A01**

**NASA-CR-174950**
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**NASA-CR-174953**
Convoluted Nozzle Design for the RL10 Derivative 2B Engine.
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**NASA-CR-174954**
Velocity Visualization in Gaseous Flows.
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Elevated Temperature Crack Growth.
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Reduction and Analysis of Data from the Plasma Wave Instruments on the IMP-6 and IMP-8 Spacecraft.
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Capillary Pump Loop (CPL) Heat Pipe Development Status Report.
N85-17323/5 11-*525,837* PC **A02**/MF **A01**

**NASA-CR-175274**
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N85-16841/7 11-*523,235* PC **A04**/MF **A01**

**NASA-CR-175279**
Ultraviolet Spectrometer and Polarimeter (UVSP) Software Development and Hardware Tests for the Solar Maximum Mission.
N85-24271/7 17-*538,715* PC **A02**/MF **A01**

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Monolithic Short Wave Infrared (SWIR) Detector Array.
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N85-33184/1 26-*560,088* PC **A02**/MF **A01**

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Stripe Filters on Multispectral Linear Arrays.
N85-32252/7 24-*555,590* PC **A06**/MF **A01**

**NASA-CR-175306**
Isee-1 Data Reduction and Analysis Plasma Composition Experiment.
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N85-33738/4 26-*560,696* PC **A04**/MF **A01**

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Vibroacoustic Study of the NASA Goddard Space Flight Center OSS-1 Payload.
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N85-19500/6 13-*528,691* PC **A03**/MF **A01**

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**NASA-CR-175459**
Stress-Strain Analysis of Silicon Ribbon.
N85-19525/3 13-*529,400* PC **A02**/MF **A01**

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N85-20296/8 14-*532,261* PC **A02**/MF **A01**

**NASA-CR-175468**
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N85-19516/2 13-*529,395* PC **A04**/MF **A01**

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**NASA-CR-175472**
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**NASA-CR-175494**
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**NASA-CR-175515**
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**NASA-CR-175521**
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N85-21749/5 **14**-*530,830* PC **A02**/MF **A01**

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**NASA-CR-175530**
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**NASA-CR-175551**
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N85-23096/9 **15**-*535,089* PC **A02**/MF **A01**

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**NASA-CR-175605**
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Simple Theoretical Models for Composite Rotor Blades.
N85-22382/4 **15**-*532,921* PC **A03**/MF **A01**

**NASA-CR-175621**
Geographic Variation in the Relationships of Temperature, Salinity or sigma sub T Versus Plant Nutrient Concentrations in the World Ocean.
N85-23287/4 **15**-*533,655* PC **A04**/MF **A01**

**NASA-CR-175622**
Normal Incidence, High Resolution X-Ray Telescope for Solar Coronal Observations.
N85-23461/5 **15**-*532,971* PC **A04**/MF **A01**

**NASA-CR-175623**
Solar and Stellar Coronal Plasmas.
N85-23676/8 **15**-*532,977* PC **A06**/MF **A01**

**NASA-CR-175624**
Calculation of Vortex-Flap Aerodynamic Characteristics.
N85-22367/5 **15**-*532,907* PC **A02**/MF **A01**

**NASA-CR-175625**
Study of the Effects of Implantation on the High Fe-Ni-Cr and Ni-Cr-Al Alloys.
N85-22661/1 **15**-*534,033* PC **A03**/MF **A01**

**NASA-CR-175626**
Innovative Research in the Design and Operation of Large Telescopes for Space: Aspects of Giant Telescopes in Space.
N85-23462/3 **15**-*532,962* PC **A02**/MF **A01**

**NASA-CR-175627**
Percutaneous Connectors.
N85-27508/9 **19**-*542,510* PC **A03**/MF **A01**

**NASA-CR-175628**
Empirical and Modeled Synoptic Cloud Climatology of the Arctic Ocean.
N85-23272/6 **15**-*533,006* PC **A02**/MF **A01**

**NASA-CR-175629**
Periodic Substorm Activity in the Geomagnetic Tail.
N85-23409/4 **15**-*532,989* PC **A03**/MF **A01**

**NASA-CR-175630**
Technology and Economics, Inc. Technology Application Team.
N85-23454/0 **15**-*533,034* PC **A03**/MF **A01**

**NASA-CR-175631**
Viking Radio Science Data Analysis and Synthesis.
N85-23471/4 **15**-*532,974* PC **A02**/MF **A01**

**NASA-CR-175632**
Physics of the Inner Heliosphere: Mechanisms, Models and Observational Signatures.
N85-23677/6 **15**-*532,978* PC **A02**/MF **A01**

**NASA-CR-175636**
Investigation of the Daytime Lunar Atmosphere.
N85-25057/9 **17**-*537,129* PC **A03**/MF **A01**

**NASA-CR-175637**
Alterations in Gut Transport of Minerals and in Binding Proteins During Simulated Weightlessness.
N85-24709/6 **17**-*537,581* PC **A02**/MF **A01**

**NASA-CR-175638**
Numberical Simulation of the Effects of Radially Injected Barium Plasma in the Ionosphere.
N85-24542/1 **17**-*537,150* PC **A02**/MF **A01**

**NASA-CR-175639**
Science Opportunities Using the NASA Scatterometer on N-Ross.
N85-23222/1 **15**-*533,004* PC **A03**/MF **A01**

**NASA-CR-175640**
Observation Model and Parameter Partials for the JPL VLBI Parameter Estimation Software Masterfit-F 2.0.
N85-24509/0 **17**-*537,779* PC **A04**/MF **A01**

**NASA-CR-175641**
Flowcharting with D-Charts.
N85-24806/0 **17**-*537,948* PC **A03**/MF **A01**

**NASA-CR-175642**
Characterization of Terrestrial Solar Cells for Space Applications: Electrical Characteristics of Thin Westinghouse Dendritic Web Cells as a Function of Solar Intensity, Temperature, and Incidence Angle.
N85-24516/5 **17**-*538,155* PC **A04**/MF **A01**

**NASA-CR-175643**
New High-Efficiency Silicon Solar Cells.
N85-23244/5 **15**-*533,918* PC **A03**/MF **A01**

**NASA-CR-175644**
Spaceborne Power Systems Preference Analyses. Volume 1. Summary.
N85-24517/3 **17**-*539,226* PC **A02**/MF **A01**

**NASA-CR-175645**
Spaceborne Power Systems Preference Analyses. Volume 2. Decision Analysis.
N85-24518/1 **17**-*539,227* PC **A08**/MF **A01**

**NASA-CR-175646**
Large Amplitude Forcing of a High Speed 2-Dimensional Jet.
N85-22393/1 **15**-*535,248* PC **A03**/MF **A01**

**NASA-CR-175647**
Microwave Blackbodies for Spaceborne Receivers.
N85-23068/8 **15**-*535,301* PC **A03**/MF **A01**

**NASA-CR-175648**
Comparison of Metropolitan and Non-Metropolitan Employment Characteristics: Indications of the Size of Non-Metropolitan Mobile Communication Services User Classes.
N85-22855/9 **15**-*533,183* PC **A06**/MF **A01**

**NASA-CR-175649**
Periodic Binary Sequence Generators: VLSI Circuits Considerations.
N85-22886/4 **15**-*533,832* PC **A09**/MF **A01**

**NASA-CR-175650**
Development of an Organic Rankine-Cycle Power Module for a Small Community Solar Thermal Power Experiment.
N85-24523/1 **17**-*538,158* PC **A07**/MF **A01**

**NASA-CR-175651**
Development and Testing of Parabolic Dish Concentrator No. 1.
N85-24522/3 **17**-*538,087* PC **A03**/MF **A01**

**NASA-CR-175652**
System-Level Mathematical Model for Evaluation of Power Train Performance of Load-Leveled Electric-Vehicles.
N85-25009/0 **17**-*538,606* PC **A03**/MF **A01**

**NASA-CR-175654**
Silicon-Sheet and Thin-Film Cell and Module Technology Potential: Issue Study.
N85-24520/7 **17**-*538,157* PC **A07**/MF **A01**

**NASA-CR-175655**
Multimission Image Processing Laboratory's Virtual Frame Buffer Interface.
N85-24805/2 **17**-*537,947* PC **A05**/MF **A01**

**NASA-CR-175656**
Shuttle Payload Bay Dynamic Environments: Summary and Conclusion Report for STS Flights 1-5 and 9.
N85-23896/2 **17**-*539,634* PC **A08**/MF **A01**

**NASA-CR-175657**
Fracture Mechanics Evaluation of GaAs.
N85-23101/7 **15**-*535,122* PC **A04**/MF **A01**

**NASA-CR-175658**
Alternate Nozzle Ablative Materials Program.
N85-23924/2 **17**-*539,628* PC **A10**/MF **A01**

**NASA-CR-175659**
Report on Final Recommendations for IMPS Engineering-Science Payload.
N85-22464/0 **15**-*535,293* PC **A06**/MF **A01**

**NASA-CR-175660**
Cometary Astrometry.
N85-25015/7 **17**-*537,114* PC **A11**/MF **A01**

**NASA-CR-175661**
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**NASA-CR-175663**
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**NASA-CR-175664**
Slam II Simulation Model for Analyzing Space Station Mission Processing Requirements.
N85-26853/0 **19**-*544,428* PC **A06**/MF **A01**

**NASA-CR-175665**
Geometric Error Analysis for Shuttle Imaging Spectrometer Experiment.
N85-24269/1 **17**-*538,714* PC **A08**/MF **A01**

**NASA-CR-175666**
Cosmic Ray Environment Model for Earth Orbit.
N85-25165/0 **17**-*537,153* PC **A04**/MF **A01**

**NASA-CR-175667**
FH/MFSK Performance in Multitone Jamming.
N85-24197/4 **17**-*538,802* PC **A04**/MF **A01**

**NASA-CR-175669**
Sensitivities of Projected 1980 Photovoltaic System Costs to Major System Cost Drivers.
N85-24519/9 **17**-*538,156* PC **A05**/MF **A01**

**NASA-CR-175670**
Structure of Separated Flow Regions Occurring Near the Leading Edge of Airfoils, Including Transition.
N85-23703/0 **17**-*537,002* PC **A03**/MF **A01**

**NASA-CR-175673**
Extended Atmospheres of Outer Planet Satellites and Comets.
N85-25058/7 **17**-*537,130* PC **A02**/MF **A01**

**NASA-CR-175674**
Research Program in Active Control/Aeroelasticity.
N85-23752/7 **17**-*537,033* PC **A02**/MF **A01**

**NASA-CR-175675**
Plasma and Magnetospheric Research.
N85-24543/9 **17**-*537,151* PC **A02**/MF **A01**

**NASA-CR-175676**
Investigations Carried out under the Director's Discretionary Fund.
N85-24999/3 **17**-*537,184* PC **A09**/MF **A01**

**NASA-CR-175677**
Capture of Liquid Hydrogen Boiloff with Metal Hydride Absorbers.
N85-23939/0 **17**-*537,696* PC **A05**/MF **A01**

**NASA-CR-175678**
Radiation Effects Induced in PIN Photodiodes by 40- and 85-Mev Protons.
N85-24960/5 **17**-*537,897* PC **A03**/MF **A01**

**NASA-CR-175679**
Development of Global Model for Atmospheric Backscatter at CO2 Wavelengths.
N85-25971/1 **18**-*539,769* PC **A18**/MF **A01**

**NASA-CR-175681**
Heavy Doping Effects in High Efficiency Silicon Solar Cells.
N85-25940/6 **18**-*540,770* PC **A03**/MF **A01**

**NASA-CR-175682**
NASA Welding Assessment Program.
N85-25844/0 **18**-*541,250* PC **A03**/MF **A01**

**NASA-CR-175683**
NASA Welding Assessment Program.
N85-25845/7 **18**-*541,251* PC **A03**/MF **A01**

**NASA-CR-175684**
Development of Advanced Thermoelectric Materials.
N85-24532/2 **17**-*539,228* PC **A04**/MF **A01**

**NASA-CR-175685**
JESS Facility Modification and Environmental/Power Plans.
N85-23807/9 **17**-*538,709* PC **A03**/MF **A01**

**NASA-CR-175687**
Heavy Doping Effects in High Efficiency Silicon Solar Cells.
N85-25937/2 **18**-*540,769* PC **A02**/MF **A01**

**NASA-CR-175688**
Stress and Efficiency Studies.
N85-24531/4 **17**-*537,614* PC **A03**/MF **A01**

**NASA-CR-175689**
Module Performance and Failure Analysis Area: Flat-Plate Solar Array Project.
N85-25936/4 **18**-*540,768* PC **A03**/MF **A01**

**NASA-CR-175690**
Modelling of Photodegradation in Solar Cell Modules of Substrate and Superstrate Design Made with Ethylene-Vinyl Acetate as Pottant Material.
N85-24527/2 **17**-*538,088* PC **A04**/MF **A01**

**NASA-CR-175691**
Oxygen-Hydrogen Thrusters for Space Station Auxiliary Propulsion Systems.
N85-25383/9 **18**-*542,031* PC **A06**/MF **A01**

**NASA-CR-175692**
Lunar and Planetary Science Conference (16th) Press Abstracts.
N85-26548/6 **18**-*539,752* PC **A05**/MF **A01**

**NASA-CR-175693**
Investigation of Silicon Surface Passivation by Silicon Nitride Film Deposition.
N85-25938/0 **18**-*541,252* PC **A04**/MF **A01**

**NASA-CR-175694**
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N85-23756/8 **17**-*538,786* PC **A14**/MF **A01**

**NASA-CR-175695**
Design, Fabrication and Testing of a Multibeam Forming Network.
N85-24228/7 **17**-*538,013* PC **A03**/MF **A01**

**NASA-CR-175696**
Test Results of an Organic Rankine-Cycle Power Module for a Small Community Solar Thermal Power Experiment.
N85-24524/9 **17**-*538,159* PC **A07**/MF **A01**

**NASA-CR-175697**
Intermediate Load Modules for Test and Evaluation.
N85-24526/4 **17**-*538,160* PC **A03**/MF **A01**

**NASA-CR-175698**
Solid/Melt Interface Studies of High-Speed Silicon Sheet Growth.
N85-24525/6 **17**-*537,613* PC **A03**/MF **A01**

**NASA-CR-175699**
Electrical Research on Solar Cells and Photovoltaic Materials.
N85-25935/6 **18**-*540,767* PC **A05**/MF **A01**

**NASA-CR-175700**
Pulsed Excimer Laser Processing for Cost-Effective Solar Cells.
N85-24530/6 **17**-*538,161* PC **A03**/MF **A01**

**NASA-CR-175703**
Compensator Development and Examination of Performance and Robustness.
N85-25678/2 **18**-*540,658* PC **A03**/MF **A01**

**NASA-CR-175704**
Variational Mesoscale Satellite Data Assimilation and Initialization.
N85-24680/9 **17**-*537,158* PC **A04**/MF **A01**

**NASA-CR-175705**
Research in the Design of High-Performance Reconfigurable Systems.
N85-26153/5 **18**-*540,663* PC **A04**/MF **A01**

**NASA-CR-175706**
Sea Surface Temperatures from VAS MSI Data.
N85-24689/0 **17**-*537,855* PC **A02**/MF **A01**

**NASA-CR-175708**
Feinheit Method: A Phase-Independent Formulation of the Period-Luminosity Relation for Cephids.
N85-25056/1 **17**-*537,128* PC **A02**/MF **A01**

**NASA-CR-175709**
Structure of Galactic HI in Directions of Low Total Column Density.
N85-27785/3 **19**-*542,210* PC **A04**/MF **A01**

**NASA-CR-175710**
Design of a Variable-Focal-Length Optical System.
N85-26349/9 **18**-*541,704* PC **A05**/MF **A01**

**NASA-CR-175711**
Analysis of the Gran Desierto, Pinacte Region, Sonora, Mexico, Via Shuttle Imaging Radar.
N85-25927/3 **18**-*540,469* PC **A06**/MF **A01**

**NASA-CR-175712**
Shuttle Imaging Radar-B (SIR-B) Data Analysis for Identifying Rainfall Event Occurrence and Intensity.
N85-25986/9 **18**-*539,801* PC **A02**/MF **A01**

**NASA-CR-175713**
Source of Stratospheric NO and N2O.
N85-25956/2 **18**-*539,767* PC **A03**/MF **A01**

**NASA-CR-175714**
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**NASA-CR-175715**
High Pressure Cosmochemistry Applied to Major Planetary Interiors: Experimental Studies.
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**NASA-CR-175716**
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N85-26108/9 **18**-*540,008* PC **A02**/MF **A01**

**NASA-CR-175717**
Use and Disuse and the Control of Acetylcholinesterase Activity in Fast and Slow Twitch Muscle of Rat.
N85-26109/7 **18**-*540,191* PC **A02**/MF **A01**

**NASA-CR-175718**
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N85-26111/3 **18**-*540,010* PC **A02**/MF **A01**

**NASA-CR-175719**
Differential Effect of Denervation on Free Radical Scavenging Enzymes in Slow and Fast Muscle of Rat.
N85-26110/5 **18**-*540,009* PC **A02**/MF **A01**

**NASA-CR-175720**
IRAS Observations of Active Galaxies.
N85-26463/8 **18**-*539,745* PC **A02**/MF **A01**

**NASA-CR-175721**
Kinetic Energies of Fragment Ions Produced by Dissociative Photoionization of NO.
N85-26327/5 **18**-*539,775* PC **A02**/MF **A01**

**NASA-CR-175722**
Martian Climate: Energy Balance Models with CO2/H2O Atmospheres.
N85-26547/8 **18**-*539,751* PC **A02**/MF **A01**

**NASA-CR-175723**
Jupiter/Voyager Data Analysis.
N85-26545/2 **18**-*539,749* PC **A02**/MF **A01**

**NASA-CR-175724**
Development of a Global 3-D Magnetohydrodynamic Computational Model for Solar Wind/Cometary and Planetary Studies.
N85-26577/5 **18**-*539,753* PC **A02**/MF **A01**

**NASA-CR-175725**
Application of Infrared Radiometers for Airborne Detection of Clear Air Turbulence and Low Level Wind Shear. Airborne Infrared Low Level Wind Shear Detection Test.
N85-25985/1 **18**-*539,800* PC **A03**/MF **A01**

**NASA-CR-175732**
Trade-off Between Land Vehicle Antenna Cost and Gain for Satellite Mobile Communications.
N85-25681/6 **18**-*541,401* PC **A09**/MF **A01**

**NASA-CR-175733**
Propagation Considerations in Land Mobile Satellite Transmission.
N85-25684/0 **18**-*541,404* PC **A03**/MF **A01**

**NASA-CR-175734**
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**NASA-CR-175735**
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**NASA-CR-175736**
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N85-25679/0 **18**-*541,400* PC **A04**/MF **A01**

**NASA-CR-175737**
Fundamental Studies of Structure Borne Noise for Advanced Turboprop Applications.
N85-26320/0 **18**-*539,680* PC **A02**/MF **A01**

**NASA-CR-175738**
Accuracy of Approximate Solutions in the Analysis of Fracture of Composites.
N85-25437/3 **18**-*540,821* PC **A02**/MF **A01**

**NASA-CR-175739**
Multi-Access Fiber Optic Data Bus Using FDM/Fsk.
N85-26152/7 **18**-*540,622* PC **A02**/MF **A01**

**NASA-CR-175740**
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N85-25683/2 **18**-*541,403* PC **A04**/MF **A01**

**NASA-CR-175741**
Study of High Performance Alloy Electroforming.
N85-25473/8 **18**-*541,248* PC **A02**/MF **A01**

**NASA-CR-175743**
Analysis of the Electromagnetic Scattering from an Inlet Geometry with Lossy Walls.
N85-25686/5 **18**-*541,901* PC **A05**/MF **A01**

**NASA-CR-175745**
Study of the Generation Mechanisms of High Latitude and Equatorial F-Region Irregularities Using de-2 Data.
N85-27423/1 **19**-*542,231* PC **A03**/MF **A01**

**NASA-CR-175746**
Technical Development to Improve Satellite Sounding over Radiatively Complex Terrain.
N85-25929/9 **18**-*540,620* PC **A05**/MF **A01**

**NASA-CR-175747**
Analysis of Shell Type Structures Subjected to Time Dependent Mechanical and Thermal Loading.
N85-25896/0 **18**-*541,871* PC **A02**/MF **A01**

**NASA-CR-175748**
Molecular Spectroscopy from the Kuiper Airborne Observatory.
N85-27783/8 **19**-*542,208* PC **A02**/MF **A01**

**NASA-CR-175749**
Earth Longwave Radiation Climate Model.
N85-25984/4 **18**-*539,774* PC **A09**/MF **A01**

**NASA-CR-175750**
Fracture Surface Analysis in Composite and Titanium Bonding: Part 1: Titanium Bonding.
N85-25434/0 **18**-*541,220* PC **A06**/MF **A01**

**NASA-CR-175751**
Basic Research for the Geodynamics Program.
N85-27424/9 **19**-*542,924* PC **A02**/MF **A01**

**NASA-CR-175752**
Crack Growth Direction in Unidirectional off-Axis Graphite Epoxy.
N85-25433/2 **18**-*540,820* PC **A03**/MF **A01**

**NASA-CR-175753**
Studies on the Interference of Wings and Propeller Slipstreams.
N85-25210/4 **18**-*539,654* PC **A06**/MF **A01**

**NASA-CR-175754**
Development of Robots and Application to Industrial Processes.
N85-25840/8 **18**-*541,273* PC **A03**/MF **A01**

**NASA-CR-175755**
Numerical Solutions of 3-Dimensional Navier-Stokes Equations for Closed Bluff-Bodies.
N85-26255/8 **18**-*541,687* PC **A02**/MF **A01**

**NASA-CR-175756**
Experimental and Analytical Investigation of Fan Flow Interaction with Downstream Struts.
N85-25201/3 **18**-*541,678* PC **A03**/MF **A01**

**NASA-CR-175761**
Process Research on Polycrystalline Silicon Material (PROPSM).
N85-25951/3 **18**-*540,772* PC **A03**/MF **A01**

**NASA-CR-175762**
Monodeuterated Methane in the Outer Solar System. 2. Its Detection on Uranus at 1.6 Micrometers.
N85-27782/0 **19**-*542,207* PC **A03**/MF **A01**

**NASA-CR-175763**
Spectral Reflectance of Carbonate Minerals and Rocks in the Visible and Near Infrared (0.35 - 2.55 Micrometers) and Its Applications in Carbonate Petrology.
N85-25973/7 **18**-*540,470* PC **A12**/MF **A01**

**NASA-CR-175764**
Meteorological Factors in Earth-Satellite Propagation.
N85-27089/0 **19**-*544,318* PC **A04**/MF **A01**

**NASA-CR-175765**
Study of Structural Concepts for Ultralightweight Spacecraft.
N85-26848/0 **19**-*544,455* PC **A05**/MF **A01**

**NASA-CR-175766**
Simulation Studies for Surfaces and Materials Strength.
N85-27262/3 **19**-*543,982* PC **A04**/MF **A01**

**NASA-CR-175767**
Soft X-Ray Background as a Supernova Blast Wave Viewed from inside: Solar Abundance Models.
N85-27813/3 **19**-*542,212* PC **A03**/MF **A01**

**NASA-CR-175768**
Uniformly High-Order Accurate Non-Oscillatory Schemes, 1.
N85-27589/9 **19**-*543,274* PC **A04**/MF **A01**

**NASA-CR-175770**
Homogeneous Processes of Atmospheric Interest.
N85-28475/0 **20**-*544,587* PC **A09**/MF **A01**

**NASA-CR-175771**
Study of Topologies and Protocols for Fiber Optic Local Area Networks.
N85-27669/9 **19**-*543,775* PC **A10**/MF **A01**

**NASA-CR-175772**
Manufacturing Cost Analysis of a Parabolic Dish Concentrator (General Electric Design) for Solar Thermal Electric Power Systems in Selected Production Volumes.
N85-27380/3 **19**-*543,137* PC **A03**/MF **A01**

**NASA-CR-175774**
Spacecraft Configuration Study for Second Generation Mobile Satellite System.
N85-26849/8 **19**-*544,456* PC **A06**/MF **A01**

**NASA-CR-175775**
In Plane Stress Analysis.
N85-27259/9 **19**-*544,296* PC **A02**/MF **A01**

**NASA-CR-175776**
Development of a Persistent Chemical Agent Simulator System (PCASS).
N85-26938/9 **19**-*543,725* PC **A02**/MF **A01**

**NASA-CR-175778**
Studies on the Processing Methods for Extraterrestrial Materials.
N85-26768/0 **19**-*544,427* PC **A02**/MF **A01**

**NASA-CR-175780**
Development of a Persistent Chemical Agent Simulation System.
N85-26937/1 **19**-*543,724* PC **A03**/MF **A01**

**NASA-CR-175781**
Cost Prediction Model for Various Payloads and Instruments for the Space Shuttle Orbiter.
N85-26842/3 **19**-*544,451* PC **A03**/MF **A01**

**NASA-CR-175782**
Conducting a Wind Sensing Study.
N85-27465/2 **19**-*542,266* PC **A03**/MF **A01**

**NASA-CR-175783**
Problem of Atmospheric Turbulence.
N85-27464/5 **19**-*542,240* PC **A03**/MF **A01**

**NASA-CR-175784**
Automated CPX Support System Preliminary Design Phase.
N85-27091/6 **19**-*543,755* PC **A11**/MF **A01**

**NASA-CR-175785**
Shuttle Imaging Radar-A (SIR-A) Data Analysis.
N85-27324/1 **19**-*543,792* PC **A02**/MF **A01**

**NASA-CR-175786**
Consultative Committee for Space Data Systems. Panel 1. Support.
N85-27090/8 **19**-*543,772* PC **A04**/MF **A01**

**NASA-CR-175787**
Acoustic Propagation in a Thermally Stratified Atmosphere.
N85-27636/8 **19**-*543,975* PC **A11**/MF **A01**

**NASA-CR-175788**
Investigation to Optimize the Passive Shock Wave/Boundary Layer Control for Supercritical Airfoil Drag Reduction.
N85-26665/8 **19**-*542,067* PC **A03**/MF **A01**

**NASA-CR-175789**
Wave Dynamics and Transport in the Stratosphere.
N85-27413/2 **19**-*542,228* PC **A02**/MF **A01**

**NASA-CR-175790**
Identification and Control of Structures in Space.
N85-26850/6 **19**-*544,457* PC **A02**/MF **A01**

**NASA-CR-175791**
Summer High School Apprenticeship Research Program (SHARP) of the National Aeronautics and Space Administration.
N85-28849/6 **20**-*544,719* PC **A03**/MF **A01**

**NASA-CR-175792**
Conducting a Thermal Conductivity Survey.
N85-27166/6 **19**-*544,295* PC **A03**/MF **A01**

**NASA-CR-175793**
Measurement of Damping of Graphite Expoxy Materials.
N85-26925/6 **19**-*543,190* PC **A02**/MF **A01**

**NASA-CR-175794**
Hardware Test Program for Evaluation of Baseline Range-Range Rate Sensor Concept.
N85-27193/0 **19**-*543,687* PC **A02**/MF **A01**

**NASA-CR-175795**
Elevated Temperature Biaxial Fatigue.
N85-27263/1 **19**-*543,229* PC **A08**/MF **A01**

**NASA-CR-175796**
Altimetry Data and the Elastic Stress Tensor of Subduction Zones.
N85-27425/6 **19**-*542,925* PC **A02**/MF **A01**

**NASA-CR-175797**
Stress Analysis of the Space Telescope Focal Plane Structure Joint.
N85-27284/7 **19**-*542,200* PC **A02**/MF **A01**

**NASA-CR-175798**
Ink Jet Printing of Silver Metallization for Photovoltaics.
N85-25943/0 **18**-*541,253* PC **A08**/MF **A01**

**NASA-CR-175801**
Theoretical Studies of Solar-Pumped Lasers.
N85-27206/0 **19**-*544,022* PC **A02**/MF **A01**

**NASA-CR-175802**
Method for Simulating 3-D Aircraft Flow Fields with Jet Plume Effects.
N85-26664/1 **19**-*542,066* PC **A02**/MF **A01**

**NASA-CR-175803**
Fast Hidden Line Algorithm with Contour Option.
N85-27582/4 **19**-*543,049* PC **A06**/MF **A01**

**NASA-CR-175804**
Identification and Properties of Molecular Systems of Potential Use in Solar-Pumped Lasers.
N85-27207/8 **19**-*544,023* PC **A02**/MF **A01**

**NASA-CR-175805**
Relation between Upwind-Differencing Schemes of Godunov, Engquist-Osher and Roe.
N85-27583/2 **19**-*544,015* PC **A03**/MF **A01**

**NASA-CR-175806**
Space Station Engineering and Technology Development.
N85-26851/4 **19**-*544,458* PC **A07**/MF **A01**

**NASA-CR-175808**
Research Opportunities in Loss of Red Blood Cell Mass in Space Flight.
N85-27517/0 **19**-*542,748* PC **A04**/MF **A01**

**NASA-CR-175809**
Use of a Sunward-Libration-Point Orbiting Spacecraft as an IMF (Interplanetary Magnetic Fields) Monitor for Magnetospheric Studies.
N85-27426/4 **19**-*542,232* PC **A02**/MF **A01**

**NASA-CR-175810**
Microbial Ecology of Extreme Environments: Antarctic Yeasts and Growth in Substrate-Limited Habitats.
N85-27509/7 **19**-*542,516* PC **A02**/MF **A01**

**NASA-CR-175811**
Thermodynamic Evaluation of Transonic Compressor Rotors Using the Finite Volume Approach.
N85-26712/8 **19**-*544,417* PC **A03**/MF **A01**

**NASA-CR-175812**
Finite Elements and the Method of Conjugate Gradients on a Concurrent Processor.
N85-27588/1 **19**-*543,273* PC **A02**/MF **A01**

**NASA-CR-175813**
Reliability Models for Dataflow Computer Systems.
N85-27543/6 **19**-*543,045* PC **A07**/MF **A01**

**NASA-CR-175814**
General Purpose Scatter Storage Subsystem and a Comparison of Hashing Methods.
N85-27542/8 **19**-*543,044* PC **A07**/MF **A01**

**NASA-CR-175825**
Activities of the Aeronautics and Space Engineering Board.
N85-26610/4 **19**-*542,320* PC **A02**/MF **A01**

**NASA-CR-175830**
Estudo da Evolucao Urbana de Brasilia Atraves do Uso de Dados Landsat (Study of the Urban Evolution of Brasilia with the Use of Landsat Data).
N85-27321 **19**-*543,492* PC **A03**/MF **A01**

**NASA-CR-175831**
Alternatives for Jet Engine Control.
N85-26713/6 **19**-*544,418* PC **A12**/MF **A01**

**NASA-CR-175832**
Alternatives for Jet Engine Control.
N85-26714/4 **19**-*544,419* PC **A07**/MF **A01**

**NASA-CR-175833**
Alternatives for Jet Engine Control.
N85-26715/1 **19**-*544,420* PC **A12**/MF **A01**

**NASA-CR-175834**
Preliminary Technology Utilization Assessment of the Robotic Fruit Harvester.
N85-27532/9 **19**-*542,133* PC **A02**/MF **A01**

**NASA-CR-175835**
Free-Surface Phenomena under Low- and Zero-Gravity Conditions.
N85-27168/2 **19**-*542,815* PC **A02**/MF **A01**

**NASA-CR-175836**
Characterization-Curing-Property Studies of HBRF 55A Resin Formulations.
N85-26989/2 **19**-*543,243* PC **A07**/MF **A01**

**NASA-CR-175837**
Histological and Compositional Responses of Bone to Immobilization and Other Experimental Conditions.
N85-27518/8 **19**-*542,749* PC **A03**/MF **A01**

**NASA-CR-175838**
Simulation of Solidification in a Bridgman Cell.
N85-27705/1 **19**-*543,984* PC **A02**/MF **A01**

**NASA-CR-175839**
Parametric Study of Potential Early Commercial Power Plants Task 3-A MHD Cost Analysis.
N85-27377/9 **19**-*543,136* PC **A04**/MF **A01**

**NASA-CR-175841**
Activity and Accomplishments of Dish/Stirling Electric Power System Development.
N85-28445/3 **20**-*545,435* PC **A07**/MF **A01**

**NASA-CR-175842**
Telecommunications and Data Acquisition Report.
N85-27094/0 **19**-*543,774* PC **A08**/MF **A01**

**NASA-CR-175850**
Development of Acceptance Criteria for Batches of Silane Primer for External Tank Thermal Protection System Bonding Applications.
N85-26995/9 **19**-*543,169* PC **A04**/MF **A01**

**NASA-CR-175851**
Modeling Analysis Program for the JPL Table Mountain Io Sodium Cloud.
N85-27468/6 **19**-*542,201* PC **A03**/MF **A01**

**NASA-CR-175852**
Cometary Atmospheres: Modeling the Spatial Distribution of Observed Neutral Radicals.
N85-27781/2 **19**-*542,206* PC **A02**/MF **A01**

**NASA-CR-175853**
Influence of Coherent Mesoscale Structures on Satellite-Based Doppler Lidar Wind Measurements.
N85-27467/8 **19**-*542,268* PC **A02**/MF **A01**

**NASA-CR-175854**
Studies of Hot B Subdwarfs. Part 2. Energy Distributions of Three Bright Sdb/Sdob Stars in the 950-5500 Angstrom Range.
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**NASA-CR-175855**
Investigation of Tethered Satellite System Dynamics.
N85-26854/8 **19**-*544,460* PC **A04**/MF **A01**

**NASA-CR-175856**
Jet Fuel Instability Mechanisms.
N85-28127/7 **20**-*547,145* PC **A06**/MF **A01**

**NASA-CR-175857**
Development and Application of Optimum Sensitivity Analysis of Structures.
N85-27257/3 **19**-*544,270* PC **A02**/MF **A01**

**NASA-CR-175858**
Measurement of the Vibrational Band Strength for the Upsilon sub 3 Band of the HO2 Radical.
N85-26936/3 **19**-*542,812* PC **A03**/MF **A01**

**NASA-CR-175859**
Communications and Logic Systems at Millimeter Wave Frequencies.
N85-28824/9 **20**-*546,023* PC **A06**/MF **A01**

**NASA-CR-175870**
Investigation of Semiconductor Clad Optical Waveguides.
N85-28785/2 **20**-*546,517* PC **A05**/MF **A01**

**NASA-CR-175871**
Towards a Study of Synoptic-Scale Variability of the California Current System.
N85-28529/4 **20**-*545,042* PC **A03**/MF **A01**

**NASA-CR-175872**
Software Simulation Study of a (255,223) Reed-Solomon Encoder-Decoder.
N85-28192/1 **20**-*546,020* PC **A03**/MF **A01**

**NASA-CR-175873**
Documents of the JPL Photovoltaics Program Analysis and Integration Center: An Annotated Bibliography.
N85-28448/7 **20**-*545,438* PC **A02**/MF **A01**

**NASA-CR-175874**
Program for the Calculation of Paraboloidal-Dish Solar Thermal Power Plant Performance.
N85-28449/5 **20**-*545,439* PC **A04**/MF **A01**

**NASA-CR-175875**
Thermal Infrared Multispectral Scanner (TIMS): An Investigator's Guide to TIMS Data.
N85-28286/1 **20**-*545,977* PC **A03**/MF **A01**

**NASA-CR-175877**
Performance Analysis of the Dsn Baseband Assembly (BBA) Real-Time Combiner (RTC).
N85-28193/9 **20**-*546,021* PC **A04**/MF **A01**

**NASA-CR-175878**
Performance Analysis of the Dsn Baseband Assembly (BBA) Real-Time Combiner (RTC).
N85-28190/5 **20**-*546,019* PC **A04**/MF **A01**

**NASA-CR-175879**
Morphological Stability and Fluid Dynamics of Vapor Crystal Growth.
N85-28822/3 **20**-*546,491* PC **A02**/MF **A01**

**NASA-CR-175880**
Morphological Stability and Fluid Dynamics of Vapor Crystal Growth.
N85-28823/1 **20**-*546,492* PC **A02**/MF **A01**

**NASA-CR-175881**
Automation and Robotics for the National Space Program.
N85-27936/2 **20**-*547,185* PC **A07**/MF **A01**

**NASA-CR-175882**
Cometary Atmospheres: Modeling the Spatial Distribution of Observed Neutral Radicals.
N85-28904/9 **20**-*544,574* PC **A03**/MF **A01**

**NASA-CR-175883**
Electron-Cyclotron Maser Emission during Solar and Stellar Flares.
N85-28907/2 **20**-*544,575* PC **A02**/MF **A01**

**NASA-CR-175885**
Free-Surface Phenomena under Low- and Zero-Gravity Conditions.
N85-27922/2 **20**-*547,170* PC **A02**/MF **A01**

**NASA-CR-175886**
New Polymers for Composites: A Summary of Research on Polystyrylpyridines.
N85-28106/1 **20**-*544,938* PC **A09**/MF **A01**

**NASA-CR-175887**
Water Vapor Radiometry Research and Development Phase.
N85-28512/0 **20**-*545,983* PC **A07**/MF **A01**

**NASA-CR-175888**
Microwave Responses of the Western North Atlantic.
N85-28191/3 **20**-*545,056* PC **A03**/MF **A01**

**NASA-CR-175889**
Relative Potentials of Concentrating and Two-Axis Tracking Flat-Plate Photovoltaic Arrays for Central-Station Applications.
N85-28446/1 **20**-*545,436* PC **A05**/MF **A01**

**NASA-CR-175890**
Hand Controllers for Teleoperation. A State-of-the-Art Technology Survey and Evaluation.
N85-28559/1 **20**-*544,714* PC **A05**/MF **A01**

**NASA-CR-175891**
Measurement of Elements in the Stratosphere.
N85-27414/0 **19**-*542,229* PC **A16**/MF **A01**

**NASA-CR-175892**
Parabolic Dish Test Site: History and Operating Experience.
N85-28447/9 **20**-*545,437* PC **A10**/MF **A01**

**NASA-CR-175893**
Analysis of Physical-Chemical Processes Governing SSME Internal Fluid Flows.
N85-28261/4 **20**-*547,029* PC **A03**/MF **A01**

**NASA-CR-175894**
High-Accuracy Optical Linear Algebra Processor for Finite Element Applications.
N85-28658/1 **20**-*545,574* PC **A08**/MF **A01**

**NASA-CR-175898**
Centralized Storm Information System (CSIS).
N85-28506/2 **20**-*544,611* PC **A08**/MF **A01**

**NASA-CR-175899**
Activities of the Solid State Physics Research Institute.
N85-28818/1 **20**-*547,001* PC **A05**/MF **A01**

**NASA-CR-175901**
Study of Internal and Distributed Damping for Vibrating Turbomachine Blades.
N85-27868/7 **20**-*547,158* PC **A02**/MF **A01**

**NASA-CR-175908**
Cosmic X-Ray Physics.
N85-28910/6 **20**-*544,577* PC **A02**/MF **A01**

**NASA-CR-175909**
Experimental Investigation of the Angular Scattering and Backscattering Behaviors of the Simulated Clouds of the Outer Planets.
N85-28896/7 **20**-*544,573* PC **A03**/MF **A01**

**NASA-CR-175910**
Hardware Test Program for Evaluation of Baseline Range/Range Rate Sensor Concept
N85-28194/7 **20**-*546,044* PC **A02**/MF **A01**

**NASA-CR-175911**
Shocks in the Solar Wind between 1 and 8.5 AU: Voyager 1 Observations.
N85-29905/5 **21**-*547,247* PC **A04**/MF **A01**

**NASA-CR-175912**
Numerical Computation of Space Shuttle Orbiter Flow Field.
N85-28921/3 **21**-*547,193* PC **A02**/MF **A01**

**NASA-CR-175913**
Three-Dimensional Turbulent Separated Flow and Related Mesurements.
N85-29181/3 **21**-*549,025* PC **A02**/MF **A01**

**NASA-CR-175914**
Activities at the Lunar and Planetary Institute.
N85-29859/4 **21**-*547,241* PC **A04**/MF **A01**

**NASA-CR-175917**
Study of the Physics of Cometary Nuclei.
N85-28905/6 **20**-*544,580* PC **A02**/MF **A01**

**NASA-CR-175918**
Photoabsorption and Photodissociation of Molecules Important in the Interstellar Medium.
N85-30986/2 **22**-*549,390* PC **A02**/MF **A01**

**NASA-CR-175919**
Acoustooptic Pulse-Echo Transducer System.
N85-28224/2 **20**-*545,976* PC **A02**/MF **A01**

**NASA-CR-175920**
Optimal Design and Use of Retry in Fault Tolerant Real-Time Computer Systems.
N85-28643/3 **20**-*545,217* PC **A03**/MF **A01**

**NASA-CR-175921**
Measurement of Ultrasonic Fields in Transparent Media Using a Scanning Differential Interferometer.
N85-28726/6 **20**-*545,985* PC **A03**/MF **A01**

**NASA-CR-175922**
Research in Computer Science.
N85-28612/8 **20**-*545,212* PC **A02**/MF **A01**

**NASA-CR-175959**
Comprehensive Silicon Solar Cell Computer Modeling.
N85-28461/0 **20**-*545,440* PC **A02**/MF **A01**

**NASA-CR-175961**
Changes in Bone Structure and Metabolism During Simulated Weightlessness: Endocrine and Dietary Factors.
N85-29521/0 **21**-*547,706* PC **A02**/MF **A01**

**NASA-CR-175962**
Influence of the Heliospheric Current Sheet and Angular Separation on Flare Accelerated Solar Wind.
N85-29907/1 **21**-*547,249* PC **A02**/MF **A01**

**NASA-CR-175965**
Quantitative Studies for Photoabsorption and Fluorescence of HCl.
N85-30043/2 **22**-*549,414* PC **A02**/MF **A01**

**NASA-CR-175966**
Activity and Magnetic Fields on Stars from Radio Observations.
N85-29861/0 **21**-*547,243* PC **A02**/MF **A01**

**NASA-CR-175967**
Application of the MHD Energy Principle to Magnetostatic Atmospheres.
N85-29420/5 **21**-*547,240* PC **A02**/MF **A01**

**NASA-CR-175968**
Extended Two-Target Differential Game Model for Medium-Range Air Combat Game Analysis.
N85-29687/9 **21**-*548,766* PC **A02**/MF **A01**

**NASA-CR-175969**
Quenching of the Beam-Plasma Instability by 3-D Spectra of Large Scale Density Fluctuations.
N85-30897/1 **22**-*549,387* PC **A03**/MF **A01**

**NASA-CR-175970**
Turbulence and Wave Particle Interactions in Solar-Terrestrial Plasmas.
N85-29906/3 **21**-*547,248* PC **A03**/MF **A01**

**NASA-CR-175976**
Speckle Interferometry Applied to Asteroids and Other Solar System Objects.
N85-30995/3 **22**-*549,392* PC **A06**/MF **A01**

**NASA-CR-175977**
Evolution of the Luminosity Function of Extragalactic Objects.
N85-29860/2 **21**-*547,242* PC **A03**/MF **A01**

**NASA-CR-175978**
Modeling and Analysis of Pinhole Occulter Experiment: Initial Study Phase.
N85-30287/5 **22**-*551,867* PC **A04**/MF **A01**

**NASA-CR-175979**
Publications of the Jet Propulsion Laboratory 1983.
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**NASA-CR-175980**
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N85-30545/6 **22**-*549,434* PC **A03**/MF **A01**

**NASA-CR-175982**
Aircraft Cabin Noise Prediction and Optimization.
N85-30768/4 **22**-*549,317* PC **A05**/MF **A01**

**NASA-CR-175986**
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N85-29996/4 **22**-*551,860* PC **A05**/MF **A01**

**NASA-CR-175989**
Dye Laser Traveling Wave Amplifier.
N85-30308/9 **22**-*551,316* PC **A09**/MF **A01**

**NASA-CR-175997**
Effects of Coronal Disturbances on the Ionization State of the Solar Wind.
N85-31000/1 **22**-*549,395* PC **A02**/MF **A01**

**NASA-CR-175998**
Structural Characteristics of High Temperature Composites.
N85-30037/4 **22**-*550,411* PC **A02**/MF **A01**

**NASA-CR-175999**
Global Low Order Spectral Model Designed for Climate Sensitivity Studies.
N85-30549/8 **22**-*549,438* PC **A04**/MF **A01**

**NASA-CR-176000**
Atmospheric Planetary Wave Response to External Forcing.
N85-30548/0 **22**-*549,437* PC **A04**/MF **A01**

**NASA-CR-176001**
Planetary Dynamos.
N85-32857/3 **24**-*555,466* PC **A02**/MF **A01**

**NASA-CR-176002**
Research Relative to the Development of a Cryogenic Microwave Cavity Gradiometer for Orbital Use.
N85-29980/8 **22**-*550,839* PC **A03**/MF **A01**

**NASA-CR-176003**
Study of Kapton under Simulated Shuttle Environment.
N85-29997/2 **22**-*551,861* PC **A02**/MF **A01**

**NASA-CR-176005**
Microbial Ecology of Extreme Environments: Antarctic Yeasts and Growth in Substrate-Limited Habitats.
N85-30609/0 **22**-*549,742* PC **A02**/MF **A01**

**NASA-CR-176006**
Concatenated Coding Scheme for Error Control.
N85-30655/3 **22**-*550,279* PC **A03**/MF **A01**

**NASA-CR-176007**
Economics of Private Sector R and D Decisionmaking in Aeronautics.
N85-30962/3 **22**-*549,476* PC **A06**/MF **A01**

**NASA-CR-176008**
Spectroradiometric Calibration of the Thematic Mapper and Multispectral Scanner System.
N85-31601/6 **23**-*553,678* PC **A03**/MF **A01**

**NASA-CR-176010**
Design and Chemical Synthesis of Iodine-Containing Molecules for Application to Solar-Pumped I* Lasers.
N85-30310/5 **22**-*551,318* PC **A02**/MF **A01**

**NASA-CR-176011**
Outside Users Payload Model.
N85-29986/5 **22**-*551,849* PC **A09**/MF **A01**

**NASA-CR-176012**
Space Ventures and Society Long-Term Perspectives.
N85-30963/1 **22**-*549,477* PC **A09**/MF **A01**

**NASA-CR-176013**
Areal Coverage of Storm Precipitation.
N85-30550/6 **22**-*549,439* PC **A02**/MF **A01**

**NASA-CR-176014**
Research Pressure Instrumentation for NASA Space Shuttle Main Engine.
N85-30006/9 **22**-*551,846* PC **A04**/MF **A01**

**NASA-CR-176015**
MMIC (Monolithic Microwave Integrated Circuit) Devices for Active Phased Array Antennas.
N85-30177/8 **22**-*550,291* PC **A02**/MF **A01**

**NASA-CR-176016**
Commerce Lab: Mission Analysis Payload Integration Study. Appendix A: Data Bases.
N85-29988/1 **22**-*551,850* PC **A13**/MF **A01**

**NASA-CR-176023**
Diagnosis of Vertical Motions from VAS Retrievals during a Convective Outbreak.
N85-30554/8 **22**-*549,442* PC **A06**/MF **A01**

**NASA-CR-176024**
Crystal Growth of Device Quality GaAs in Space.
N85-30935/9 **22**-*551,254* PC **A03**/MF **A01**

**NASA-CR-176025**
Magnetic Probing of the Solar Interior.
N85-30998/7 **22**-*549,393* PC **A04**/MF **A01**

**NASA-CR-176026**
Phase Locked Loop Synchronization for Direct Detection Optical PPM (Pulse Position Modulation) Communication Systems.
N85-30178/6 **22**-*550,932* PC **A04**/MF **A01**

**NASA-CR-176028**
Cerenkov-delta E-Cerenkov Detector for High Energy Cosmic Ray Isotopes and an Accelerator Study of Ar-40 and Fe-56 Fragmentation.
N85-32086/9 **23**-*553,840* PC **A10**/MF **A01**

**NASA-CR-176029**
Solar Photospheric and Coronal Abundances from Solar Energetic Particle Measurements.
N85-32073/7 **23**-*551,996* PC **A09**/MF **A01**

**NASA-CR-176030**
Thermal Ion Heating in the Vicinity of the Plasmapause.
N85-31993/7 **23**-*552,021* PC **A02**/MF **A01**

**NASA-CR-176031**
Investigation of Dynamic Noise Affecting Geodynamics Information in a Tethered Subsatellite.
N85-31602/4 **23**-*554,541* PC **A03**/MF **A01**

**NASA-CR-176034**
Sidewall Boundary-Layer Effects in Two-Dimensional Airfoil Testing.
N85-31065/4 **23**-*553,664* PC **A02**/MF **A01**

**NASA-CR-176035**
Interactive Aircraft Flight Control and Aeroelastic Stabilization.
N85-31064/7 **23**-*551,932* PC **A02**/MF **A01**

**NASA-CR-176037**
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**NASA-CR-176038**
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**NASA-CR-176039**
Combined Trellis Coding with Asymmetric Mpsk Modulation: An MSAT-X Report.
N85-31347/6 **23**-*553,766* PC **A04**/MF **A01**

**NASA-CR-176041**
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N85-31476/3 **23**-*553,670* PC **A03**/MF **A01**

**NASA-CR-176042**
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N85-31147/0 **23**-*554,523* PC **A07**/MF **A01**

**NASA-CR-176047**
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**NASA-CR-176050**
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**NASA-CR-176055**
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**NASA-CR-176056**
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**NASA-CR-176057**
Analysis of Jovian Decametric Data: Study of Radio Emission Mechanisms.
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**NASA-CR-176058**
Proceedings of the Project Integration Meeting (24th).
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**NASA-CR-176063**
Geophysical Interpretation of Venus Gravity Data.
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**NASA-CR-176064**
Temporal Evolution of a Small Auroral Substorm as Viewed from High Altitudes with Dynamics Explorer 1.
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Methods for Design and Evaluation of Integrated Hardware-Software Systems for Concurrent Computation.
N85-31851/7 **23**-*552,818* PC **A02**/MF **A01**

**NASA-CR-176068**
Research in Extreme Ultraviolet and Far Ultraviolet Astronomy.
N85-33060/3 **24**-*554,657* PC **A03**/MF **A01**

**NASA-CR-176069**
Research in Particles and Fields.
N85-33103/1 **24**-*554,660* PC **A03**/MF **A01**

**NASA-CR-176070**
Molecular Orbital Studies in Oxidation: Sulfate Formation and Metal-Metal Oxide Adhesion.
N85-32174/3 **24**-*555,336* PC **A02**/MF **A01**

**NASA-CR-176071**
Why CO Bonds Side-on at Low Coverage and Both Side-on and Upright at High Coverage on the Cr(110) Surface.
N85-32173/5 **24**-*555,335* PC **A02**/MF **A01**

**NASA-CR-176072**
Adsorption of O2, SO2, and SO3 on Nickel Oxide. Mechanism for Sulfate Formation.
N85-32175/0 **24**-*555,337* PC **A03**/MF **A01**

**NASA-CR-176073**
Measurement of Damping of Graphite Epoxy Materials.
N85-32334/3 **24**-*555,726* PC **A02**/MF **A01**

**NASA-CR-176075**
Quasi Non-Intrusive Sampling and Analysis of Gases Associated with the Boundary Layer on the Tethered Satellite and Similar Supersonic and Hypersonic Research Vehicles.
N85-31140/5 **23**-*554,526* PC **A05**/MF **A01**

**NASA-CR-176076**
Design of Helicopter Rotor Blades for Optimum Dynamic Characteristics.
N85-31044/9 **23**-*551,917* PC **A06**/MF **A01**

**NASA-CR-176077**
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N85-32176/8 **24**-*555,336* PC **A02**/MF **A01**

**NASA-CR-176078**
Laboratory Evaluation and Application of Microwave Absorption Properties under Simulated Conditions for Planetary Atmospheres.
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**NASA-CR-176086**
Comparison of Experimental and Theoretical Results for Rotordynamic Coefficients of Four Annular Gas Seals.
N85-32332/7 **24**-*556,095* PC **A07**/MF **A01**

**NASA-CR-176087**
Research on an Expert System for Database Operation of Simulation-Emulation Math Models. Volume 1. Phase 1: Results.
N85-32792/2 **24**-*557,202* PC **A05**/MF **A01**

**NASA-CR-176088**
Research on an Expert System for Database Operation of Simulation-Emulation Math Models. Volume 2. Phase 1: Results.
N85-32793/0 **24**-*557,203* PC **A09**/MF **A01**

**NASA-CR-176089**
Space Station ECLSS Integration Analysis: Simplified General Cluster Systems Model. ECLS System Assessment Program Enhancements.
N85-32796/3 **24**-*557,204* PC **A05**/MF **A01**

**NASA-CR-176090**
Simultaneous Solar Maximum Mission and Very Large Array (VLA) Observations of Solar Active Regions.
N85-33897/8 **26**-*560,094* PC **A02**/MF **A01**

**NASA-CR-176092**
Space Station Automation Study: Autonomous Systems and Assembly. Volume 2.
N85-33175/9 **26**-*562,066* PC **A12**/MF **A01**

**NASA-CR-176093**
Terrestrial Planets: Comparative Planetology.
N85-33849/9 **26**-*560,093* PC **A03**/MF **A01**

**NASA-CR-176094**
Nasa Space Station Automation: AI-Based Technology Review.
N85-32134/7 **24**-*557,199* PC **A14**/MF **A01**

**NASA-CR-176095**
Space Station Automation and Robotics Study. Operator-Systems Interface.
N85-33172/6 **26**-*562,063* PC **A04**/MF **A01**

**NASA-CR-176096**
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N85-32135/4 **24**-*557,200* PC **A04**/MF **A01**

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Automation Study for Space Station Subsystems and Mission Ground Support.
N85-32136/2 **24**-*557,201* PC **A05**/MF **A01**

**NASA-CR-176098**
Performance and Evaluation of Real-Time Multicomputer Control Systems.
N85-32821/9 **24**-*555,541* PC **A02**/MF **A01**

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Space Station Automation Study. Automation Requirements Derived from Space Manufacturing Concepts. Volume 1. Executive Summary.
N85-33170/0 **26**-*562,061* PC **A03**/MF **A01**

**NASA-CR-176100**
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N85-33171/8 **26**-*562,062* PC **A10**/MF **A01**

**NASA-CR-176102**
Cryogenic Laser Calorimetry for Impurity Analysis.
N85-33201/3 **26**-*561,929* PC **A02**/MF **A01**

**NASA-CR-176103**
Evaluation of Semiconductor Devices for Electric and Hybrid Vehicle (Ehv) AC-Drive Applications, Volume 2.
N85-33294/8 **26**-*560,723* PC **A19**/MF **A01**

**NASA-CR-176104**
Diffusion Welding of Cassegrainian Concentrator Cell Stack Assemblies.
N85-33566/9 **26**-*560,855* PC **A07**/MF **A01**

**NASA-CR-176105**
Air-Sea Interaction with SSM/I and Altimeter.
N85-33650/1 **26**-*560,570* PC **A04**/MF **A01**

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N85-33625/3 **26**-*560,099* PC **A08**/MF **A01**

**NASA-CR-176108**
Advanced Beamed-Energy and Field Propulsion Concepts.
N85-33186/6 **26**-*561,943* PC **A23**/MF **A01**

**NASA-CR-176109**
Use of Low Energy Hydrogen Ion Implants in High Efficiency Crystalline Silicon Solar Cells.
N85-33571/9 **26**-*560,858* PC **A02**/MF **A01**

**NASA-CR-176111**
Research and Development Activities in Unified Control-Structure Modeling and Design.
N85-33180/9 **26**-*562,070* PC **A03**/MF **A01**

**NASA-CR-176113**
Research Study for Gel Precursors as Glass and Ceramic Starting Materials for Space Processing Applications Research.
N85-33250/0 **26**-*560,895* PC **A03**/MF **A01**

**NASA-CR-176116**
Ultrasonic SEAM Welding on Thin Silicon Solar Cells.
N85-33570/1 **26**-*560,857* PC **A05**/MF **A01**

**NASA-CR-176120**
Modal Parameter Extraction Procedure Applicable to Linear Time-Invariant Dynamic Systems.
N85-33747/5 **26**-*561,908* PC **A05**/MF **A01**

**NASA-CR-176121**
Voyager 0.2-Lbf Thruster Valve Assembly Short Pulse Test Report.
N85-33185/8 **26**-*562,055* PC **A05**/MF **A01**

**NASA-CR-176122**
Application of Nonlinear Least Squares Methods to the Analysis of Solar Spectra.
N85-33637/8 **26**-*560,100* PC **A03**/MF **A01**

**NASA-CR-176123**
Large-Scale Sea Surface Temperature Variability from Satellite and Shipboard Measurements.
N85-33651/9 **26**-*560,571* PC **A03**/MF **A01**

**NASA-CR-176124**
Laser-Assisted Solar Cell Metallization Processing.
N85-33565/1 **26**-*560,854* PC **A02**/MF **A01**

**NASA-CR-176128**
Isotopic Biogeochemistry.
N85-33189/0 **26**-*560,577* PC **A03**/MF **A01**

**NASA-CR-176129**
Research and Development Activities in Unified Control-Structure Modeling and Design.
N85-33179/1 **26**-*562,069* PC **A03**/MF **A01**

**NASA-CR-176130**
Experimental Studies of Glass Refining.
N85-33248/4 **26**-*560,894* PC **A04**/MF **A01**

**NASA-CR-176133**
Space Robot Simulator Vehicle.
N85-33176/7 **26**-*562,067* PC **A02**/MF **A01**

**NASA-CR-176134**
Block 5 Documentation and Solar Modules.
N85-33564/4 **26**-*560,853* PC **A03**/MF **A01**

**NASA-CR-176137**
Extended Atmospheres of Outer Planet Satellites and Comets.
N85-33848/1 **26**-*560,092* PC **A04**/MF **A01**

**NASA-CR-176139**
Multishaker Modal Testing.
N85-33544/6 **26**-*561,907* PC **A02**/MF **A01**

**NASA-CR-176140**
Substructure Coupling in the Frequency Domain.
N85-33543/8 **26**-*561,906* PC **A07**/MF **A01**

**NASA-CR-176144**
Substructure Coupling Procedure Applicable to General Linear Time-Invariant Dynamic Systems.
N85-33542/0 **26**-*561,905* PC **A05**/MF **A01**

**NASA-CR-176146**
Stress Distribution in Pin-Loaded Orthotropic Plates.
N85-33547/9 **26**-*561,166* PC **A08**/MF **A01**

**NASA-CR-176147**
Stresses and Deformations in Cross-Ply Composite Tubes Subjected to a Uniform Temperature Change: Elasticity and Approximate Solutions.
N85-33545/3 **26**-*561,218* PC **A03**/MF **A01**

**NASA-CR-176148**
Nonlinear Response and Failure Characteristics of Internally Pressurized Composite Cylindrical Panels.
N85-33546/1 **26**-*560,911* PC **A10**/MF **A01**

**NASA-CR-176150**
Determination of Band Oscillator Strengths of Atmospheric Molecules from High Resolution Vacuum Ultraviolet Cross Section Measurements.
N85-33624/6 **26**-*560,523* PC **A02**/MF **A01**

**NASA-CR-176154**
Mosaic Infrared Sensor for Space Astronomy (MIRSSA).
N85-33456/3 **26**-*561,350* PC **A03**/MF **A01**

**NASA-CR-177304-V-1**
Mission-Oriented Requirements for Updating MIL-H-8501. Volume 1. STI Proposed Structure.
N85-16877/1 **11**-*523,253* PC **A07**/MF **A01**

**NASA-CR-177304-V-2**
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N85-16878/9 **11**-*523,254* PC **A06**/MF **A01**

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Viscous-Inviscid Aerodynamic Analysis of Two-Dimensional Thrust Augmentors.
N85-12861/9 **07**-*514,317* PC **A03**/MF **A01**

**NASA-CR-177322**
Algal Culture Studies Related to a Closed Ecological Life Support System (CELSS).
N85-16470/5 **10**-*521,416* PC **A03**/MF **A01**

**NASA-CR-177323**
Controlled Ecological Life Support System Higher Plant Flight Experiments.
N85-16471/3 **10**-*521,586* PC **A02**/MF **A01**

**NASA-CR-177324**
Control and Modeling of a CELSS (Controlled Ecological Life Support System).
N85-16472/1 **10**-*521,587* PC **A05**/MF **A01**

**NASA-CR-177325**
Passive Orbital Disconnect Strut (PODS 3) Structural Test Program.
N85-17020/7 **11**-*525,835* PC **A06**/MF **A01**

**NASA-CR-177326**
Study of the Application of Differential Techniques to the Global Positioning System for a Helicopter Precision Approach.
N85-31035/7 **23**-*553,800* PC **A05**/MF **A01**

**NASA-CR-177327**
Multi Crop Area Estimation in Idaho Using Editor.
N85-15251/0 **10**-*520,992* PC **A03**/MF **A01**

**NASA-CR-177328**
Experimental Study of Airfoil-Spoiler Aerodynamics.
N85-14796/5 **09**-*518,324* PC **A05**/MF **A01**

**NASA-CR-177329**
Feasibility of Producing a Range of Food Products from a Limited Range of Undifferenitiated Major Food Components.
N85-16473/9 **10**-*521,569* PC **A06**/MF **A01**

**NASA-CR-177333**
Human Factors in Cockpit Automation: A Field Study of Flight Crew Transition.
N85-29937/8 **22**-*549,599* PC **A06**/MF **A01**

**NASA-CR-177335**
Wind Tunnel Acoustic Study of a Propeller Installed Behind an Airplane Empennage: Data Report.
N85-23377/3 **15**-*534,728* PC **A12**/MF **A01**

**NASA-CR-177336-V-1**
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N85-22344/4 **15**-*532,902* PC **A05**/MF **A01**

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**NASA-CR-177337**
Study of Application of Space Telescope Science Operations Software for SIRTF Use.
N85-18080/0 **12**-*525,980* PC **A05**/MF **A01**

**NASA-CR-177338**
Experimental Investigation of the Chopping of Helicopter Main Rotor Tip Vortices by the Tail Rotor.
N85-23376/5 **15**-*534,727* PC **A06**/MF **A01**

**NASA-CR-177340-V-1**
Study for Prediction of Rotor/Wake/Fuselage Interference, Part 1.
N85-22346/9 **15**-*532,904* PC **A05**/MF **A01**

**NASA-CR-177340-V-2**
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N85-22347/7 **15**-*532,905* PC **A05**/MF **A01**

**NASA-CR-177342**
Vector Computer Memory Bank Contention.
N85-18649/2 **12**-*526,934* PC **A02**/MF **A01**

**NASA-CR-177344**
Fixed Gain and Adaptive Techniques for Rotorcraft Vibration Control.
N85-33111/4 **26**-*559,991* PC **A07**/MF **A01**

**NASA-CR-177346**
Application of Artificial Intelligence Techniques to Large Distributed Networks.
N85-30721/3 **22**-*550,252* PC **A02**/MF **A01**

**NASA-CR-177347**
Analysis of Selected Problems Involving Vortical Flows.
N85-25212/0 **18**-*539,655* PC **A05**/MF **A01**

**NASA-CR-177348**
Application of Two-Dimensional Unsteady Aerodynamic to a Free-Tip Rotor Response Analysis.
N85-29933/7 **22**-*549,283* PC **A04**/MF **A01**

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Fuselage Upwash Effects on RSRA Rotor Systems.
N85-31015/9 **23**-*551,882* PC **A12**/MF **A01**

**NASA-CR-177350**
Navigation and Flight Director Guidance for the NASA/FAA Helicopter Mls Curved Approach Flight Test Program.
N85-26691/4 **19**-*542,109* PC **A07**/MF **A01**

**NASA-CR-177354**
Mental Workload Measurement: Event-Related Potentials and Ratings of Workload and Fatigue.
N85-26139/4 **18**-*539,974* PC **A02**/MF **A01**

**NASA-CR-177357**
Polymer Matrix and Graphite Fiber Interface Study.
N85-30036/6 **22**-*550,410* PC **A18**/MF **A01**

**NASA-CR-177362**
Estimation of Dynamic Rotor Loads for the Rotor Systems Research Aircraft: Methodology Development and Validation.
N85-31045/6 **23**-*551,918* PC **A04**/MF **A01**

**NASA-CR-177365**
Panel Method Study of Vortex Sheets with Special Emphasis on Sheets of Axisymmetric Geometry.
N85-32095/0 **24**-*556,651* PC **A06**/MF **A01**

**NASA-CR-177925**
Clamped Rectangular Plate Containing a Crack.
N85-31552/1 **23**-*554,296* PC **A03**/MF **A01**

**NASA-CR-177927**
Application of the ADAMS Program to Deployable Space Truss Structures.
N85-30366/7 **22**-*551,869* PC **A03**/MF **A01**

**NASA-CR-177932**
Basic Cryogenics and Materials, Phase 1.
N85-32215/4 **24**-*557,058* PC **A02**/MF **A01**

**NASA-CR-177933**
Statistical Methods for Efficient Design of Community Surveys of Response to Noise: Random Coefficients Regression Models.
N85-32979/5 **24**-*556,587* PC **A03**/MF **A01**

**NASA-CR-177935**
Variational Approach to Some Parameter Estimation Problems.
N85-32829/2 **24**-*555,870* PC **A03**/MF **A01**

**NASA-CR-177937**
Timing of Noise-Sensitive Activities in Residential Areas.
N85-31918/4 **23**-*554,147* PC **A04**/MF **A01**

**NASA-CR-177938**
Application of a Hairpin Vortex Model of Wall Turbulence to Trailing Edge Noise Prediction.
N85-33109/8 **26**-*559,979* PC **A04**/MF **A01**

**NASA-CR-177942**
Interpretation of Flying Qualities Requirements for Flight Control System Design.
N85-33125/4 **26**-*560,002* PC **A05**/MF **A01**

**NASA-CR-178424**
Demonstration Project: Putting the Bioastronautics Data Book on Line.
N85-30659/5 **22**-*550,245* PC **A03**/MF **A01**

**NASA/DF/VD-85/002**
Planetary Image Videodisc. Volume 2.
PB85-144764 **23**-*551,986* CP **T99**

**NASA/DF/VD-85/003**
Planetary Image Videodisc. Volume 1.
PB85-144756 **22**-*549,369* CP **T99**

**NASA-E-1950**
Comparison of Icing Cloud Instruments for 1982-1983 Icing Season Flight Program.
AD-A147 882/5 **04**-*508,072* PC **A02**/MF **A01**

**NASA-E-2187**
Transmission Efficiency Measurements and Correlations with Physical Characteristics of the Lubricant.
AD-A149 179/4 **08**-*515,739* PC **A02**/MF **A01**

**NASA-E-2196**
Summary of Drive-Train Component Technology in Helicopters.
AD-A149 180/2 **08**-*515,740* PC **A02**/MF **A01**

**NASA-E-2260**
Low Cycle Fatigue Behavior of Conventionally Cast MAR-M 200 at 1000 C.
AD-A149 178/6 **08**-*516,861* PC **A02**/MF **A01**

**NASA-E-2271**
High-Temperature Erosion of Plasma-Sprayed, Yttria-Stabilized Zirconia in a Simulated Turbine Environment.
AD-A150 361/4 **10**-*522,073* PC **A02**/MF **A01**

**NASA-E-2380**
Effect of Substituted Phenylnadimides on Processing and Properties of PMR (Polymerization of Monomeric Reactants) Polyimide Composites.
AD-A150 529/6 **10**-*522,093* PC **A02**/MF **A01**

**NASA-E-2387**
Three-Dimensional Axisymmetric Calculation Procedure for Turbulent Flows in a Radial Vaneless Diffuser.
AD-A157 113/2 **23**-*554,184* PC **A02**/MF **A01**

**NASA-E-2404**
Experimental Study of the Spray Characteristics of a Research Airblast Atomizer.
AD-A153 984/0 **16**-*536,751* PC **A02**/MF **A01**

**NASA-E2490**
Combustion Research for Gas Turbine Engines.
AD-A153 977/4 **16**-*536,985* PC **A02**/MF **A01**

**NASA-E-2514**
Multiaxial and Thermomechanical Fatigue Considerations in Damage Tolerant Design.
AD-A157 112/4 **23**-*554,502* PC **A02**/MF **A01**

**NASA-E-2519**
Environmental Effects on the Tensile Strength of Chemically Vapor Deposited Silicon Carbide Fibers.
AD-A157 111/6 **23**-*553,152* PC **A03**/MF **A01**

**NASA-E-2557**
Spiral Bevel and Circular Arc Helical Gears: Tooth Contact Analysis and the Effect of Misalignment on Circular Arc Helical Gears.
AD-A158 738/5 **25**-*558,736* PC **A02**/MF **A01**

**NASA-E-2588**
DEAN: A Program for Dynamic Engine Analysis.
AD-A158 651/0 **25**-*559,963* PC **A02**/MF **A01**

**NASA-E-2612**
Future Fundamental Combustion Research for Aeropropulsion Systems.
AD-A158 770/8 **25**-*559,838* PC **A02**/MF **A01**

**NASA-EP-210**
NASA (National Aeronautics and Space Administration) Initiatives with Historically Black Colleges and Universities.
N85-30960/7 **22**-*549,683* MF **A01**

**NASA-EP-211**
Space Station.
N85-21251/2 **14**-*532,883* PC **A03**/MF **A01**

**NASA-L-15895**
Wind-Tunnel Evaluation of a 21 Percent-Scale Powered Model of a Prototype Advanced Scout Helicopter.
AD-A157 115/7 **23**-*551,911* PC **A05**/MF **A01**

**NASA-L-15923**
Background Noise Measurements from Jet Exit Vanes Designed to Reduce Flow Pulsations in an Open-Jet Wind Tunnel.
AD-A157 114/0 **23**-*553,638* PC **A03**/MF **A01**

**NASA-L-15942**
Effect of Low-Velocity or Ballistic Impact Damage on the Strength of Thin Composite and Aluminum Shear Panels.
AD-A155 925/1 **21**-*548,119* PC **A03**/MF **A01**

**NASA-RF-1135**
Energy Efficient Transport Technology: Program Summary and Bibliography.
N85-33116/3 **26**-*559,992* PC **A04**/MF **A01**

**NASA-RP-1059-REV**
Space Transportation System and Associated Payloads: Glossary, Acronyms, and Abbreviations.
N85-19007/2 **13**-*530,720* PC **A14**/MF **A01**

**NASA-RP-1089**
Formulation of Rotor-Airframe Coupling for Design Analysis of Vibrations of Helicopter Airframes.
N84-33832/6 **01**-*500,044* PC **A07**/MF **A01**

**NASA-RP-1094**
Modeling the Internal Combustion Engine.
N85-19733/3 **13**-*530,686* PC **A14**/MF **A01**

**NASA-RP-1120**
Solar Terrestrial Physics: Present and Future.
N84-34332/6 **01**-*500,195* PC **A25**/MF **A01**

**NASA-RP-1122**
Procedures for Precap Visual Inspection.
N85-13156/3 **07**-*515,149* PC **A05**/MF **A01**

**NASA-RP-1125**
Space Shuttle Wind Tunnel Testing Program.
N85-11127/6 **04**-*510,549* PC **A21**/MF **A01**

**NASA-RP-1127**
Vibration, Acoustic, and Shock Design and Test Criteria for Components on the Solid Rocket Boosters (Srb), Lightweight External Tank (Lwt), and Space Shuttle Main Engines (Ssme).
N85-10405/7 **03**-*507,870* PC **A99**/MF **A01**

**NASA-RP-1128**
Low-Frequency Sound Absorption Measurements in Air.
N85-11789/3 **04**-*510,164* PC **A03**/MF **A01**

**NASA-RP-1129**
Stars: A General-Purpose Finite Element Computer Program for Analysis of Engineering Structures.
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**NASA-RP-1134**
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**NASA-RP-1137**
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N85-13775/0 **08**-*518,309* PC **A04**/MF **A01**

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Microstructure of Ceramics Fabricated by Unidirectional Solidification.
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Ceramic Powder for Sintering Materials.
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Ceramic Fabrication Process Before Firing-Surface Treatment of Ceramic Powder.
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**NASA-TM-77487**
Behavior of Al2O3 and SiO2 with Heating in a Cl2 + CO Stream.
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Structural Changes During Milling of Aluminum Oxide Powders.
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Brittleness of Ceramics.
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Alpha-Form of the Hydroxides of Bivalent Metals.
N85-13009/4 **07**-*514,705* PC **A03**/MF **A01**

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Development of the Engineering Test Satellite-3 (ETS-3) Ion Engine System.
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Directional Solidification of Al2-Cu-Al and Al3-Ni-Al Eutectics During Texus Rocket Flight.
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**NASA-TM-77558**
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N85-10008/9 **03**-*505,276* PC **A04**/MF **A01**

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**NASA-TM-77594**
Catalogue of the Discrete Sources in the Declination Range from -13 Deg to -2 Deg.
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Conversion of Microwave Signals by Superconducting Films in the Resistive State.
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Silicon Carbide Material Sintered Bodies Manufacturing.
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**NASA-TM-77597**
Powder Containing 2H-Type Silicon Carbide Produced by Reacting Silicon Dioxide and Carbon Powder in Nitrogen Atmosphere in the Presence of Aluminum.
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**NASA-TM-77598**
Silicon Carbide Ceramic Production.
N85-10220/0 **03**-*506,659* PC **A02**/MF **A01**

**NASA-TM-77599**
Sealing Ceramic Material in Low Melting Point Glass.
N85-10190/5 **03**-*506,386* PC **A02**/MF **A01**

**NASA-TM-77600**
Sintered Silicon Nitride Workpiece.
N85-10129/3 **03**-*506,378* PC **A02**/MF **A01**

**NASA-TM-77601**
Treating Silicon Carbide Sinter by Heating in Nitrogen.
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**NASA-TM-77602**
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N85-10131/9 **03**-*506,380* PC **A02**/MF **A01**

**NASA-TM-77603**
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**NASA-TM-77613**
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**NASA-TM-77615**
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**NASA-TM-77618**
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**NASA-TM-77619**
Magnetic Record Support.
N84-34709/5 **02**-*504,516* PC **A02**/MF **A01**

**NASA-TM-77620**
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**NASA-TM-77628**
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N85-23811/1 **17**-*539,278* PC **A03**/MF **A01**

**NASA-TM-77629**
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N85-27983/4 **20**-*544,937* PC **A02**/MF **A01**

**NASA-TM-77630**
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N85-25374/8 **18**-*542,042* PC **A04**/MF **A01**

**NASA-TM-77637**
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**NASA-TM-77644**
25th Anniversary of the Gagarin Cosmonaut Training Center.
N85-18076/8 **12**-*526,268* PC **A02**/MF **A01**

**NASA-TM-77645**
Air-Breathing Ballistic Space Transporter for Europe.
N85-21244/7 **14**-*532,880* PC **A02**/MF **A01**

**NASA-TM-77646**
Sintered Silicon Carbide Molded Body and Method for Its Production.
N85-23999/4 **17**-*538,617* PC **A03**/MF **A01**

**NASA-TM-77651**
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N85-27914/9 **20**-*545,971* PC **A04**/MF **A01**

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N85-27933/9 **20**-*547,182* PC **A03**/MF **A01**

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N85-29979/0 **22**-*551,848* PC **A03**/MF **A01**

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N85-31446/6 **23**-*553,016* PC **A02**/MF **A01**

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**NASA-TM-77726**
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N85-15805/3 **10**-*523,138* PC **A02**/MF **A01**

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**NASA-TM-77730**
Contribution to the Performance of Microjets.
N84-34694/9 **02**-*505,231* PC **A08**/MF **A01**

**NASA-TM-77731**
Silicon Nitride Powder.
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**NASA-TM-77733**
Aerosol Limb Absorption.
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**NASA-TM-77735**
Recent Trends in Particle Size Analysis Techniques.
N85-22645/4 **15**-*534,377* PC **A03**/MF **A01**

**NASA-TM-77736**
Injection Molding of Silicon Carbide Capable of Being Sintered Without Pressure.
N85-10221/8 **03**-*506,748* PC **A02**/MF **A01**

**NASA-TM-77739**
Data Input, Processing and Presentation.
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**NASA-TM-77740**
DFVLR Rotorcraft: Construction and Engineering.
N85-10035/2 **03**-*505,299* PC **A04**/MF **A01**

**NASA-TM-77741**
Shear-Layer Correction after Amiet under Consideration of Additional Temperature Gradient. Working Diagrams for Correction of Signals.
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**NASA-TM-77745**
Grob G-112: Flight Testing Fulfills Expectations.
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**NASA-TM-77746**
Ammonia Formation Caused by the Presence of Water in the Wet Grinding of Silicon Nitride Powder.
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**NASA-TM-77749**
Comparison of Combustion Efficiencies for Ramjet Engines.
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Patterns of Behavior in Lodgings Exposed to Traffic Noise.
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**NASA-TM-77751**
Measurement of High Temperature Strain by the Laser-Speckle Strain Gauge.
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**NASA-TM-77755**
Non-Destructive Evaluation Techniques. High Temperature Ceramic Component Parts for Gas Turbines.
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**NASA-TM-77756**
Manual for Raman Cells.
N85-10342/2 **03**-*507,328* PC **A03**/MF **A01**

**NASA-TM-77758**
System Design of a Remotely Operated, Program Controlled Measurement Table for the Calibration of the Egret Experiment. Part A: Program Control.
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Outer Space Law: A Problem of Astronautics.
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Unsteady Flow Characteristics in the Near-Wake of a Two-Dimensional Obstacle.
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Study of the System of Middle Atmosphere-Ionosphere Using Remote-Sensing Data.
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Microtektite Discovered in Beijing.
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**NASA-TM-77772**
Design of High-Performance Gliders.
N85-23750/1 **17**-*537,022* PC **A02**/MF **A01**

**NASA-TM-77773**
Back Stress in Dislocation Creep. Part 1: Basic Concepts and Measuring Techniques.
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**NASA-TM-77777**
Tensile Test of Pressureless-Sintered Silicon Nitride at Elevated Temperature.
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**NASA-TM-77778**
Development of Media for Dynamic Latent Heat Storage for the Low-Temperature Range. Part 1: Thermal Analyses of Selected Salt Hydrate Systems.
N85-19510/5 **13**-*529,347* PC **A04**/MF **A01**

**NASA-TM-77779**
Development of Large Wind Energy Power Generation System.
N85-16301/2 **10**-*522,059* PC **A02**/MF **A01**

**NASA-TM-77781**
Qualification of the T2 Wind Tunnel in Cryogenic Operation. A: Thermal Field, Preliminary Study of a Schematic Model.
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**NASA-TM-77782**
Qualification of the T2 Wind Tunnel in Cryogenic Operation. B: Flow Fluctuations, Particle Detection and Qualification.
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**NASA-TM-77783**
Design of Sport and Touring Aircraft.
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High-Power Radiating Plasma.
N85-16637/9 **10**-*522,969* PC **A03**/MF **A01**

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Profile Design for Wings and Propellers.
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Research Done at Derat (October 1982 through September 1983); Summary of Principal Results Obtained.
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Study of the Liquid Vapor Equilibrium in the Bromine-Hydrobromic Acid-Water System.
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**NASA-TM-77796**
Measurement of the Configuration of a Concave Surface by the Interference of Reflected Light.
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**NASA-TM-77802**
Stuttgart Interconnection Network Project from PIX to NICS.
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Towards a Renewal of the Propeller in Aeronautics.
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**NASA-TM-77807**
Vapor Pressure and Evaporation Rate of Certain Heat-Resistant Compounds in a Vacuum at High Temperatures.
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Positive Electrodes of Nickel-Cadmium Batteries.
N85-19330/8 **13**-*529,416* PC **A02**/MF **A01**

**NASA-TM-77809**
Slip Casting and Nitridation of Silicon Powder.
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Unsteady Aerodynamic Characterization of a Military Aircraft in Vertical Gusts.
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Three-Dimensional Unsteady Lifting Surface Theory in the Subsonic Range.
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**NASA-TM-77816**
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**NASA-TM-77817**
Volume Change During Solidification.
N85-24243/6 **17**-*538,277* PC **A02**/MF **A01**

**NASA-TM-77818**
Determination of the Mobility Profile in GaAs-Mesfets.
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**NASA-TM-77820**
Station Keeping of Geostationary Satellites by Electric Propulsion.
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**NASA-TM-77831**
Oscillating Airfoils and Their Wake.
N85-23701/4 **17**-*537,000* PC **A02**/MF **A01**

**NASA-TM-77832**
Seven-Wavelength Pyrometer for Determining Surface Temperature of Ablation Materials.
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Development of an Apparatus for Obtaining Molecular Beams in the Energy Range from 2 to 200 Ev.
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Contributions on the Subject of Longitudinal Movements of Aircraft in Wind Shears.
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Some Features of the Fabrication of Multilayer Fiber Composites by Explosive Welding.
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Fracture Mechanics Formulas on Microcomputers.
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Optimum Dimensions of Power Solenoids for Magnetic Suspension.
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Plasma Variables and Tribological Properties of Coatings in Low Pressure (0.1 - 10.0 Torr) Plasma Systems.
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**NASA-TM-83837**
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**NASA-TM-84302**
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**NASA-TM-84441**
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**NASA-TM-84517**
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**NASA-TM-84543**
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**NASA-TM-84548**
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N85-10909/8 **04**-*507,918* PC **A08**/MF **A01**

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N85-10908/0 **04**-*507,917* PC **A03**/MF **A01**

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N85-15696/6 **10**-*520,945* PC **A03**/MF **A01**

**NASA-TM-84589**
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**NASA-TM-84657**
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**NASA-TM-84666**
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**NASA-TM-86251**
Flow Instabilities in Transonic Small Disturbance Theory.
N85-18000/8 **12**-*525,857* PC **A02**/MF **A01**

**NASA-TM-86259**
Ground Vibration Test of F-16 Airplane with Initial Decoupler Pylon.
N84-34439/9 **02**-*502,792* PC **A03**/MF **A01**

**NASA-TM-86263**
Buckling Analysis for Rectangular Orthotropic Plates with Centrally Located Cutouts.
N85-13268/6 **07**-*515,578* PC **A03**/MF **A01**

**NASA-TM-86265**
Galactic Heavy-Ion Shielding Using Electrostatic Fields.
N84-33453/1 **01**-*502,768* PC **A02**/MF **A01**

**NASA-TM-86270**
Static Internal Performance of Single-Expansion-Ramp Nozzles with Various Combinations of Internal Geometric Parameters.
N85-14797/3 **09**-*520,910* PC **A05**/MF **A01**

**NASA-TM-86272**
First Derivatives of Flow Quantities Behind Two-Dimensional, Nonuniform Supersonic Flow over a Convex Corner.
N85-16828/4 **11**-*525,356* PC **A02**/MF **A01**

**NASA-TM-86273**
High Reynolds Number Tests of the CAST 10-2/DOA 2 Airfoil in the Langley 0.3-Meter Transonic Cryogenic Tunnel, Phase 2.
N84-33382/2 **01**-*500,009* PC **A14**/MF **A01**

**NASA-TM-86274**
Description of the Insulation System for the Langley 0.3-Meter Transonic Cryogenic Tunnel.
N85-15755/0 **10**-*522,478* PC **A03**/MF **A01**

**NASA-TM-86276**
Oil-Flow Study of a Space Shuttle Orbiter Tip-Fin Controller.
N85-12920/3 **07**-*515,714* PC **A04**/MF **A01**

**NASA-TM-86277**
Langley Mach 4 Scramjet Test Facility.
N85-16883/9 **11**-*524,805* PC **A04**/MF **A01**

**NASA-TM-86284**
Combined Effect of Noise and Vibration on Passenger Acceptance.
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**NASA-TM-86288**
Relational Approach to the Development of Expert Diagnostic Systems.
N85-10658/1 **03**-*506,119* PC **A04**/MF **A01**

**NASA-TM-86289**
Software Implemented Fault-Tolerant (SIFT) User's Guide.
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**NASA-TM-86290**
Investigation of Light Source and Scattering Medium Related to Vapor-Screen Flow Visualization in a Supersonic Wind Tunnel.
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**NASA-TM-86292**
Characteristic Boundary Conditions for Three-Dimensional Transonic Unsteady Aerodynamics.
N85-10915/5 **04**-*507,879* PC **A02**/MF **A01**

**NASA-TM-86296**
Aeroacoustic Data for High Reynolds Number Supersonic Axisymmetric Jets.
N85-16587/6 **10**-*522,919* PC **A04**/MF **A01**

**NASA-TM-86299**
Effect of Jet Exit Vanes on Flow Pulsations in an Open-Jet Wind Tunnel.
N85-17999/2 **12**-*525,856* PC **A10**/MF **A01**

**NASA-TM-86300**
Development of a 611 Mhz Feed for a 9-Meter Reflector.
N84-33641/1 **01**-*501,374* PC **A03**/MF **A01**

**NASA-TM-86301**
Analysis of Instability-Related Growth of a Through-Width Delamination.
N84-33524/9 **01**-*501,521* PC **A04**/MF **A01**

**NASA-TM-86302**
Fabrication of Glass Gas Cells for the HALOE and MAPS Satellite Experiments.
N84-34501/6 **02**-*504,316* PC **A03**/MF **A01**

**NASA-TM-86303**
Study of Several Factors Affecting Crew Escape Trajectories from the Space Shuttle Orbiter at Low-Subsonic Speeds.
N85-19008/0 **13**-*530,706* PC **A04**/MF **A01**

**NASA-TM-86304**
Communications Protocols for a Fault Tolerant, Integrated Local Area Network for Space Station Applications.
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**NASA-TM-86306**
Investigating Compression Failure Mechanisms in Composite Laminates with a Transparent Fiberglass-Epoxy Birefringent Materials.
N85-11137/5 **04**-*509,369* PC **A02**/MF **A01**

**NASA-TM-86307**
Theoretical and Experimental Studies of Error in Square-Law Detector Circuits.
N84-33714/6 **01**-*501,378* PC **A04**/MF **A01**

**NASA-TM-86308**
Detailed Pressure Distribution Measurements Obtained on Several Configurations of an Aspect-Ratio-7 Variable Twist Wing.
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**NASA-TM-86309**
Simulator Study of the Stall Departure Characteristics of a Light General Aviation Airplane with and Without a Wing-Leading-Edge Modification.
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**NASA-TM-86310**
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N85-11139/1 **04**-*509,371* PC **A03**/MF **A01**

**NASA-TM-86311**
Ground Exposure of Composite Materials for Helicopters.
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**NASA-TM-86312**
(20)Ne Interaction in Extended Matter.
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**NASA-TM-86313**
Verification Tests of Durable TPS Concepts.
N85-12085/5 **06**-*514,307* PC **A02**/MF **A01**

**NASA-TM-86314**
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**NASA-TM-86315**
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**NASA-TM-86316**
Human Response to Vibroacoustic Environments of Space Vehicles.
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**NASA-TM-86317**
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**NASA-TM-86319**
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**NASA-TM-86320**
Effects of Airfoil Shape, Thickness, Camber, and Angle of Attack on Calculated Transonic Unsteady Airloads.
N85-18957/9 **13**-*528,286* PC **A04**/MF **A01**

**NASA-TM-86321**
Research and Technology.
N85-11973/3 **04**-*508,114* PC **A06**/MF **A01**

**NASA-TM-86322**
Measurement of Sift Operating System Overhead.
N85-23337/7 **15**-*533,837* PC **A03**/MF **A01**

**NASA-TM-86323**
Approach for Service Life Extension of Explosive Devices for Aircraft Escape Systems.
N85-22381/6 **15**-*532,920* PC **A02**/MF **A01**

**NASA-TM-86324**
Computer Subroutines for Estimation of Human Exposure to Radiation in Low Earth Orbit.

N85-17550/3 **11**-*525,826* PC **A03**/MF **A01**

**NASA-TM-86325**
Numerical Studies of Interacting Vortices.
N85-16062/0 **10**-*522,946* PC **A02**/MF **A01**

**NASA-TM-86327**
M68000 RNF Text Formatter User's Manual.
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**NASA-TM-86328**
Electrostatic Forming and Testing of Polymer Films on a 16-Foot Diameter Test Fixture.
N85-22885/6 **15**-*535,299* PC **A03**/MF **A01**

**NASA-TM-86329**
Expert System for Choosing the Best Combination of Options in a General-Purpose Program for Automated Design Synthesis.
N85-24807/8 **17**-*537,949* PC **A02**/MF **A01**

**NASA-TM-86330**
Overview of Some Monoplanar Missile Programs.
N85-14786/6 **09**-*518,321* PC **A03**/MF **A01**

**NASA-TM-86331**
Aerodynamic Characteristics of Some Lifting Reentry Concepts Applicable to Transatmospheric Vehicle Design Studies.
N85-14787/4 **09**-*518,322* PC **A03**/MF **A01**

**NASA-TM-86332**
Fatigue Behavior of Continuous Fiber Silicon-Carbide-Aluminum Composites.
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**NASA-TM-86333**
Sensitivity Analysis of Discrete Structural Systems: A Survey.
N85-15186/8 **09**-*520,685* PC **A03**/MF **A01**

**NASA-TM-86334**
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N85-14788/2 **09**-*518,323* PC **A02**/MF **A01**

**NASA-TM-86335**
Efficient Self-Consistent Viscous-Inviscid Solutions for Unsteady Transonic Flow.
N85-18959/5 **13**-*530,327* PC **A02**/MF **A01**

**NASA-TM-86336**
Scientific and Technical Information Output of the Langley Research Center for Calendar Year 1984.
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**NASA-TM-86338**
Space Station Truss Structures and Construction Considerations.
N85-15796/4 **10**-*523,212* PC **A06**/MF **A01**

**NASA-TM-86339**
Project Resources Planning and Control.
N85-13666/1 **07**-*514,533* PC **A07**/MF **A01**

**NASA-TM-86340**
Charge-to-Mass Dispersion Methods for Abrasion-Ablation Fragmentation Models.
N85-20857/7 **14**-*532,662* PC **A02**/MF **A01**

**NASA-TM-86341**
Evaluation of Colorless Polyimide Film for Thermal Control Coating Applications.
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**NASA-TM-86344**
Flight Test Technique for Evaluation of Gust Load Alleviation Analysis Methodology.
N85-14833/6 **09**-*518,339* PC **A02**/MF **A01**

**NASA-TM-86345**
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**NASA-TM-86346**
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**NASA-TM-86347**
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**NASA-TM-86348**
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**NASA-TM-86349**
Mathematical Physics Approaches to Lightning Discharge Problems.
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**NASA-TM-86350**
Study of Winglets Applied to Biplanes.
N85-16862/3 **11**-*523,244* PC **A02**/MF **A01**

**NASA-TM-86351**
Computer Sizing of Fighter Aircraft.
N85-16759/1 **11**-*523,234* PC **A02**/MF **A01**

**NASA-TM-86352**
Some Fighter Aircraft Trends.
N85-18954/6 **13**-*528,314* PC **A03**/MF **A01**

**NASA-TM-86353**
Advances in Composites Technology.
N85-17048/8 **11**-*524,453* PC **A03**/MF **A01**

**NASA-TM-86354**
Efficient Implementation of Real-Time Programs under the VAX/VMS Operating System.
N85-26193/1 **18**-*540,625* PC **A02**/MF **A01**

**NASA-TM-86355**
Characterization of Mode 1 and Mixed-Mode Failure of Adhesive Bonds Between Composite Adherends.
N85-21270/2 **14**-*531,844* PC **A03**/MF **A01**

**NASA-TM-86356**
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**NASA-TM-86357**
Preliminary Sizing and Performance of Aircraft.
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**NASA-TM-86358**
Characterization of a Thermoplastic Polyimidesulfone.
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**NASA-TM-86359**
Voice-Actuated Wind Tunnel Model Leak Checking System.
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**NASA-TM-86360**
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**NASA-TM-86362**
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Initial Investigation of Cryogenic Wind Tunnel Model Filler Materials.
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**NASA-TM-86364**
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**NASA-TM-86365**
Method for Estimating the Rolling Moment Due to Spin Rate for Arbitrary Planform Wings.
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**NASA-TM-86366**
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N85-27934/7 **20**-*547,183* PC **A02**/MF **A01**

**NASA-TM-86367**
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N85-24721/1 **17**-*537,356* PC **A03**/MF **A01**

**NASA-TM-86368**
Modifications to the Nozzle Test Chamber to Extend Nozzle Static-Test Capability.
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**NASA-TM-86369**
Theoretical Basis for the Analysis of Redundant Software Subject to Coincident Errors.
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**NASA-TM-86370**
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**NASA-TM-86371**
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N85-29926/1 **22**-*549,306* PC **A08**/MF **A01**

**NASA-TM-86372**
Electroacoustical Imaging Technique for Encoding Incoherent Radiance Fields as Gabor Elementary Signals.
N85-23067/0 **15**-*533,783* PC **A02**/MF **A01**

**NASA-TM-86373**
Broad-Band UHF Dipole Array.
N85-19222/7 **13**-*529,248* PC **A03**/MF **A01**

**NASA-TM-86374**
Viscous Effects on Transonic Airfoil Stability and Response.
N85-18961/1 **13**-*528,289* PC **A02**/MF **A01**

**NASA-TM-86375**
Unsteady Transonic Flow Calculations for Two-Dimensional Canard-Wing Configurations with Aeroelastic Applications.
N85-18960/3 **13**-*528,288* PC **A02**/MF **A01**

**NASA-TM-86376**
Measured Unsteady Transonic Aerodynamic Characteristics of an Elastic Supercritical Wing with an Oscillating Control Surface.
N85-21116/7 **14**-*530,749* PC **A02**/MF **A01**

**NASA-TM-86377**
Improving Engineering System Design by Formal Decomposition, Sensitivity Analysis, and Optimization.
N85-19785/3 **13**-*529,572* PC **A02**/MF **A01**

**NASA-TM-86378**
Effect of Superconducting Solenoid Model Cores on Spanwise Iron Magnet Roll Control.
N85-27915/6 **20**-*545,972* PC **A02**/MF **A01**

**NASA-TM-86379**
Phase Function, Backscatter, Extinction, and Absorption for Standard Radiation Atmosphere and El Chichon Aerosol Models at Visible and Near-Infrared Wavelengths.
N85-21874/1 **14**-*530,918* PC **A04**/MF **A01**

**NASA-TM-86380**
Exploratory Flutter Test in a Cryogenic Wind Tunnel.
N85-21689/3 **14**-*530,755* PC **A02**/MF **A01**

**NASA-TM-86381**
Two Degree-of-Freedom Flutter Solution for a Personal Computer.
N85-22379/0 **15**-*534,763* PC **A03**/MF **A01**

**NASA-TM-86382**
Selecting Step Sizes in Sensitivity Analysis by Finite Differences.
N85-33538/8 **26**-*560,981* PC **A02**/MF **A01**

**NASA-TM-86383**
Background Noise Measurements from Jet Exit Vanes Designed to Reduce Flow Pulsations in an Open-Jet Wind Tunnel.
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Background Noise Measurements from Jet Exit Vanes Designed to Reduced Flow Pulsations in an Open-Jet Wind Tunnel.
N85-27916/4 **20**-*545,973* PC **A03**/MF **A01**

**NASA-TM-86384**
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N85-29929/5 **22**-*549,279* PC **A03**/MF **A01**

**NASA-TM-86385**
Survey of Structural Material Issues for a Space Station.
N85-33168/4 **26**-*562,060* PC **A02**/MF **A01**

**NASA-TM-86386**
Structural Dynamics Model and Response of the Deployable Reference Configuration Space Station.
N85-33539/6 **26**-*562,074* PC **A05**/MF **A01**

**NASA-TM-86387**
Exploiting Parallel Computing with Limited Program Changes Using a Network of Microcomputers.
N85-23318/7 **15**-*533,834* PC **A02**/MF **A01**

**NASA-TM-86388**
Some Observations of Heated Gallium Arsenide Heteroface Solar Cells.
N85-23925/9 **17**-*538,154* PC **A04**/MF **A01**

**NASA-TM-86391**
Impact Dynamics Research on Composite Transport Structures.
N85-30367/5 **22**-*549,314* PC **A02**/MF **A01**

**NASA-TM-86394**
Application of Some Lifting-Body Reentry Concepts to Missile Design.
N85-22366/7 **15**-*534,480* PC **A03**/MF **A01**

**NASA-TM-86395**
Scaling Blackbody Laser to High Powers.
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**NASA-TM-86399**
Measurements in the Flow Field of a Cylinder with a Laser Transit Anemometer and a Drag Rake in the Langley 0.3 M Transonic Cryogenic Tunnel.
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**NASA-TM-86400**
Community Survey of Helicopter Noise Annoyance Conducted under Controlled Noise Exposure Conditions.
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**NASA-TM-86403**
Design Considerations for High-Altitude, Long-Endurance, Microwave-Powered Aircraft.
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**NASA-TM-86406**
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**NASA-TM-86407**
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**NASA-TM-86408**
Recent Transonic Unsteady Pressure Measurements at the NASA Langley Research Center.
N85-23710/5 **17**-*537,008* PC **A02**/MF **A01**

**NASA-TM-86409**
Long Range Downwind Propagation of Low-Frequency Sound.
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Study of an Efficient Long-Range Mach 2.7 Supersonic Transport Configuration Concept.
N85-32110/7 **24**-*554,581* PC **A04**/MF **A01**

**NASA-TM-86415**

Technology Assessment of High Pulse Energy CO(2) Lasers for Remote Sensing from Satellites.
N85-30309/7 **22**-*551,317* PC **A03**/MF **A01**

**NASA-TM-86416**

Synthesis and Characterization of Copolyimides with Varying Flexibilizing Groups.
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**NASA-TM-86417**

Structures and Dynamics Division Research and Technology Plans for FY 1985 and Accomplishments for FY 1984.
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**NASA-TM-86418**

Friction and Wear Behavior of Aluminum and Composite I-Beam Stiffened Airplane Skins.
N85-27852/1 **20**-*545,481* PC **A03**/MF **A01**

**NASA-TM-86421**

Optimization of the Catalytic Oxidation of CO for Closed-Cycle CO2 Laser Applications.
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**NASA-TM-86423**

Abstract Specification Language for Markov Reliability Models.
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**NASA-TM-86428**

Adhesive Evaluation of LARC-TPI (Langley Research Center Thermoplastic Polimide) and a Water-Soluble Version of LARC-TPI.
N85-30136/4 **22**-*550,372* PC **A03**/MF **A01**

**NASA-TM-86429**

Nasa R and T Aerospace Plane Vehicles: Progress and Plans.
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**NASA-TM-86431**

Investigation of Molecular Structure of Copolymers Using Positron Annihilation Spectroscopy.
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**NASA-TM-86432**

Unsteady Transonic Flow Calculations for Interfering Lifting Surface Configurations.
N85-29931/1 **22**-*549,281* PC **A02**/MF **A01**

**NASA-TM-86433**

Comparisons of Various Configurations of the Edge Delamination Test for Interlaminar Fracture Toughness.
N85-32151/1 **24**-*555,725* PC **A03**/MF **A01**

**NASA-TM-86434**

New Finite Element Approach: Progress in Inviscid Flow Computations.
N85-31450/8 **23**-*554,199* PC **A02**/MF **A01**

**NASA-TM-86436**

Selected Topics in Experimental Aeroelasticity at the NASA Langley Research Center.
N85-30364/2 **22**-*549,285* PC **A02**/MF **A01**

**NASA-TM-86437**

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N85-31238/7 **23**-*553,139* PC **A03**/MF **A01**

**NASA-TM-86438**

New Taxonomy for Distributed Computer Systems Based upon Operating System Structure.
N85-30709/8 **22**-*550,251* PC **A02**/MF **A01**

**NASA-TM-86439**

Transonic Calculations for a Flexible Supercritical Wing and Comparison with Experiment.
N85-31012/6 **23**-*551,879* PC **A02**/MF **A01**

**NASA-TM-86441**

Dynamic Response of a Flexible Space Beam.
N85-30368/3 **22**-*551,870* PC **A02**/MF **A01**

**NASA-TM-86442**

Large Deflections of a Cantilever Beam under Arbitrarily Directed Tip Load.
N85-30363/4 **22**-*551,754* PC **A02**/MF **A01**

**NASA-TM-86443**

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N85-30365/9 **22**-*550,723* PC **A02**/MF **A01**

**NASA-TM-86446**

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N85-29998/0 **22**-*551,862* PC **A03**/MF **A01**

**NASA-TM-86447**

STPI/LARC: A 200 Deg C Polyimide Adhesive.
N85-31297/3 **23**-*553,117* PC **A03**/MF **A01**

**NASA-TM-86448**

Concurrent Implementation of the Crank-Nicolson Method for Heat Transfer Analysis.
N85-32822/7 **24**-*557,064* PC **A03**/MF **A01**

**NASA-TM-86449**

Calculation of Transonic Steady and Oscillatory Pressures on a Low Aspect Ratio Model and Comparison with Experiment.
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Mixed Pseudospectral/Finite Difference Method for a Thermally Driven Fluid in a Nonuniform Gravitational Field.
N85-33436/5 **26**-*560,106* PC **A02**/MF **A01**

**NASA-TP-2071**
Experimental Trim Drag Values and Flow-Field Measurements for a Wide-Body Transport Model with Conventional and Supercritical Wings.
N85-10920/5 **04**-*507,883* PC **A07**/MF **A01**

**NASA-TP-2097**
Low-Speed Tests of a High-Aspect-Ratio, Supercritical-Wing Transport Model Equipped with a High-Lift Flap System in the Langley 4- by 7-Meter and Ames 12-Foot Pressure Tunnels.
N85-31010/0 **23**-*551,877* PC **A13**/MF **A01**

**NASA-TP-2213**
Laminar Heat-Transfer Distributions on Biconics at Incidence in Hypersonic-Hypervelocity Flows.
N85-16065/3 **10**-*522,949* PC **A07**/MF **A01**

**NASA-TP-2284**
Space Shuttle Orbiter Trimmed Center-of-Gravity Extension Study.
N85-19003/1 **13**-*530,718* PC **A04**/MF **A01**

**NASA-TP-2334**
Experimental and Predicted Heating Distributions for Biconics at Incidence in Air at Mach 10.
N85-12313/1 **06**-*514,310* PC **A06**/MF **A01**

**NASA-TP-2335**
Aerodynamic Design of the Contoured Wind-Tunnel Liner for the NASA Supercritical, Laminar-Flow-Control, Swept-Wing Experiment.
N84-33377/2 **01**-*501,971* PC **A03**/MF **A01**

**NASA-TP-2343**
Mixed Models and Recugion Techniques for Large-Rotation, Nonlinear Analysis of Shells of Revolution with Application to Tires.
N84-34773/1 **02**-*504,382* PC **A04**/MF **A01**

**NASA-TP-2345**
Aerothermal Tests of a 12.5 Percent Cone at Mach 6.7 for Various Reynolds Numbers, Angles of Attack and Nose Shapes.
N85-17322/7 **11**-*523,227* PC **A05**/MF **A01**

**NASA-TP-2346**
Validation of a Fault-Tolerant Clock Synchronization System.
N84-34198/1 **01**-*501,335* PC **A02**/MF **A01**

**NASA-TP-2348**
Experimental and Theoretical Investigation of Deposition Patterns from an Agricultural Airplane.
N84-33379/8 **01**-*500,079* PC **A08**/MF **A01**

**NASA-TP-2357**
Simulator Study of Flight Characteristics of Several Large, Dissimilar, Cargo Transport Airplanes During Approach and Landing.
N85-11002/1 **04**-*507,897* PC **A05**/MF **A01**

**NASA-TP-2358**
Analysis of Noise Measured from a Propeller in a Wake.
N85-11788/5 **04**-*507,886* PC **A03**/MF **A01**

**NASA-TP-2359**
Combustion Gas Properties I-ASTM Jet A Fuel and Dry Air.
N85-10064/2 **03**-*507,834* PC **E03**/MF **A01**

**NASA-TP-2361**
Design Guidelines for Assessing and Controlling Spacecraft Charging Effects.
N84-33452/3 **01**-*502,767* PC **A03**/MF **A01**

**NASA-TP-2362**
Friction Behavior of Silicon in Contact with Titanium, Nickel, Silver and Copper.
N84-33590/0 **01**-*502,638* PC **A02**/MF **A01**

**NASA-TP-2363**
T-Matrix Theory of Galactic Heavy-Ion Fragmentation.
N85-17690/7 **11**-*523,330* PC **A03**/MF **A01**

**NASA-TP-2365**
Effect of Aerodynamic and Angle-of-Attack Uncertainties on the May 1979 Entry Flight Control System of the Space Shuttle from Mach 8 to 1.5.
N85-15778/2 **10**-*523,214* PC **A07**/MF **A01**

**NASA-TP-2366**
Rational-Spline Approximation with Automatic Tension Adjustment.
N84-34204/7 **01**-*501,656* PC **A02**/MF **A01**

**NASA-TP-2369**
Long-Term Thermal Aging of 2 Graphite-Polyimide Composite Materials.
N85-12094/7 **06**-*513,544* PC **A03**/MF **A01**

**NASA-TP-2370**
Fracture Toughness of Fibrous Composite Materials.
N85-11136/7 **04**-*509,368* PC **A04**/MF **A01**

**NASA-TP-2371**
Adaptive Identification and Control of Structural Dynamics Systems Using Recursive Lattice Filters.
N85-31142/1 **23**-*554,295* PC **A04**/MF **A01**

**NASA-TP-2372**
Comparison of Numerical Techniques for Integration of Stiff Ordinary Differential Equations Arising in Combustion Chemistry.
N85-10065/9 **03**-*507,779* PC **A03**/MF **A01**

**NASA-TP-2373**
Reduction Method for Thermal Analysis of Complex Aerospace Structures.
N85-16066/1 **10**-*523,120* PC **A03**/MF **A01**

**NASA-TP-2374**
Flight and Wind-Tunnel Comparisons of the Inlet-Airframe Interaction of the F-15 Airplane.
N85-12884/1 **07**-*514,334* PC **A03**/MF **A01**

**NASA-TP-2375**
Transonic Flow Analysis for Rotors. Part 1: Three-Dimensional Quasi-Steady, Full-Potential Calculation.
N85-10914/8 **04**-*507,878* PC **A05**/MF **A01**

**NASA-TP-2376**
Translational Control of a Graphically Simulated Robot Arm by Kinematic Rate Equations That Overcome Elbow Joint Singularity.
N85-15446/6 **09**-*519,743* PC **A03**/MF **A01**

**NASA-TP-2377**
Development of in Situ Stiffness Properties for Shuttle Booster Filament Wound Case.
N84-33521/5 **01**-*502,751* PC **A04**/MF **A01**

**NASA-TP-2378**
Minds: A Microcomputer Interactive Data System for 8086-Based Controllers.
N85-17576/8 **11**-*524,270* PC **A03**/MF **A01**

**NASA-TP-2379**
Swing-Arm Beam Erector (SABER) Concept for Single Astronaut Assembly of Space Structure.
N85-19015/5 **13**-*530,708* PC **A03**/MF **A01**

**NASA-TP-2380**
Full-Scale Crash-Test Evaluation of Two Load-Limiting Subfloors for General Aviation Airframes.
N85-13267/8 **07**-*514,338* PC **A04**/MF **A01**

**NASA-TP-2381**
Fluctuating Pressures on Fan Blades of a Turbofan Engine: Flight Test Investigation.
N85-19790/3 **13**-*530,680* PC **A03**/MF **A01**

**NASA-TP-2382**
Wind-Tunnel Investigation of a Full-Scale Canard-Configured General Aviation Airplane.
N85-19925/5 **14**-*530,742* PC **A05**/MF **A01**

**NASA-TP-2383**
Reference Energy-Altitude Descent Guidance: Simulator Evaluation.
N85-16868/0 **11**-*523,249* PC **A03**/MF **A01**

**NASA-TP-2385**
Comparative Study of the Nonuniqueness Problem of the Potential Equation.
N85-15694/1 **10**-*520,943* PC **A02**/MF **A01**

**NASA-TP-2386**
Cockpit-Display Concept for Executing a Multiple Glide-Slope Approach for Wake-Vortex Avoidance.
N85-16869/8 **11**-*523,250* PC **A03**/MF **A01**

**NASA-TP-2387**
Local Stability Analysis for a Planar Shock Wave.
N85-12864/3 **07**-*515,530* PC **A02**/MF **A01**

**NASA-TP-2388**
Vortex-Generating Coolant-Flow-Passage Design for Increased Film-Cooling Effectiveness and Surface Coverage.
N85-12314/9 **06**-*514,080* PC **A02**/MF **A01**

**NASA-TP-2389**
Spline Methods for Approximating Quantile Functions and Generating Random Samples.
N85-16565/2 **10**-*522,208* PC **A03**/MF **A01**

**NASA-TP-2390**
Flow Rates and Pressure Profiles for One to Four Axially Alined Borda Inlets.
N85-14078/8 **08**-*517,772* PC **A03**/MF **A01**

**NASA-TP-2391**
Static Internal Performance of a Two-Dimensional Convergent Nozzle with Thrust-Vectoring Capability Up to 60 Deg.
N85-18951/2 **13**-*530,690* PC **A04**/MF **A01**

**NASA-TP-2393**
Planning Fuel-Conservative Descents in an Airline Environmental Using a Small Programmable Calculator: Algorithm Development and Flight Test Results.
N85-26705/2 **19**-*542,082* PC **A05**/MF **A01**

**NASA-TP-2394**
Preliminary Study of Numerical Simulation of Thermosolutal Convection of Interest to Crystal Growth.
N85-13175/3 **07**-*515,523* PC **A03**/MF **A01**

**NASA-TP-2396**
Algorithm for Astronomical, Extended Source, Signal-to-Noise Radio Calculations.
N85-12833/8 **06**-*512,720* PC **A02**/MF **A01**

**NASA-TP-2397**
Algorithm for Astronomical, Point Source, Signal to Noise Ratio Calculations.
N85-12834/6 **06**-*512,721* PC **A03**/MF **A01**

**NASA-TP-2398**
Noise Transmission Loss of a Rectangular Plate in an Infinite Baffle.
N85-22109/1 **14**-*530,756* PC **A03**/MF **A01**

**NASA-TP-2399**
Application of the ONERA (Office National d'Etudes et de Recherches Aerospatiales) Model of Dynamic Stall.
AD-A149 240/4 **08**-*515,723* PC **A04**/MF **A01**

Application of the Onera Model of Dynamic Stall.
N85-12862/7 **07**-*514,318* PC **A04**/MF **A01**

**NASA-TP-2400**
Parametric Study of a Canard-Configured Transport Using Conceptual Design Optimization.
N85-19979/2 **14**-*530,773* PC **A03**/MF **A01**

**NASA-TP-2403**
Effect of Humidity on Fretting Wear of Several Pure Metals.
N85-13006/0 **07**-*514,992* PC **A02**/MF **A01**

**NASA-TP-2404**
Effect of Two Inner-Ring Oil-Flow Distribution Schemes on the Operating Characteristics of a 35 Millimeter Bore Ball Bearing to 2.5 Million Dn.
N85-13233/0 **07**-*515,165* PC **A02**/MF **A01**

**NASA-TP-2405**
Effect of Barrier Height on Friction Behavior of the Semiconductors Silicon and Gallium Arsenide in Contact with Pure Metals.
N85-13044/1 **07**-*514,791* PC **A02**/MF **A01**

**NASA-TP-2406**
High-Temperature Erosion of Plasma-Sprayed, Yttria-Stabilized Zirconia in a Simulated Turbine Environment.
AD-A150 361/4 **10**-*522,073* PC **A02**/MF **A01**

High-Temperature Erosion of Plasma-Sprayed, Yttria-Stabilized Zirconia in a Simulated Turbine Environment.
N85-13045/8 **07**-*514,961* PC **A02**/MF **A01**

**NASA-TP-2407**
Circuit Transients Due to Negative Bias Arcs on a High-Voltage Solar Array in Low Earth Orbit.
N85-14858/3 **09**-*520,926* PC **A02**/MF **A01**

**NASA-TP-2408**
Effect of Lubricant Extreme-Pressure Additives on Surface Fatigue Life of AISI 9310 Spur Gears.
N85-13234/8 **07**-*515,166* PC **A02**/MF **A01**

**NASA-TP-2409**
Reliability Bounds for Fault-Tolerant Systems with Competing Responses to Component Failures.
N85-23090/2 **15**-*534,429* PC **A02**/MF **A01**

**NASA-TP-2411**
Effects of Inlet Distortion on a Static Pressure Probe Mounted on the Engine Hub in an F-15 Airplane.
N85-22394/9 **15**-*535,249* PC **A02**/MF **A01**

**NASA-TP-2412**
Total Energy-Rate Feedback for Automatic Glide-Slope Tracking During Wind-Shear Penetration.
N85-23801/2 **17**-*537,015* PC **A04**/MF **A01**

**NASA-TP-2413**
Semianalytic Modeling of Aerodynamic Shapes.
N85-21120/9 **14**-*530,751* PC **A02**/MF **A01**

**NASA-TP-2414**
Downwash in the Plane of Symmetry of an Elliptically Loaded Wing.
N85-15693/3 **10**-*520,942* PC **A03**/MF **A01**

**NASA-TP-2415**
Ignition of Mixtures of SiH sub 4, CH sub 4, O sub 2, and Ar or N sub 2 Behind Reflected Shock Waves.
N85-22395/6 **15**-*535,142* PC **A02**/MF **A01**

**NASA-TP-2416**
Relative Control Effectiveness Technique with Application to Airplane Control Coordination.
N85-23753/5 **17**-*537,034* PC **A02**/MF **A01**

**NASA-TP-2417**
Flight-Measured Laminar Boundary-Layer Transition Phenomena Including Stability Theory Analysis.
N85-21118/3 **14**-*530,750* PC **A03**/MF **A01**

**NASA-TP-2419**
Effect of Five Lubricants on Life of AISI 9310 Spur Gears.
N85-16099/2 **10**-*522,160* PC **A02**/MF **A01**

**NASA-TP-2420**
Wind-Tunnel Evaluation of a 21 Percent-Scale Powered Model of a Prototype Advanced Scout Helicopter.
AD-A157 115/7 **23**-*551,911* PC **A05**/MF **A01**

Wind-Tunnel Evaluation of a 21-Percent-Scale Powered Model of a Prototype Advanced Scout Helicopter.
N85-28923/9 **21**-*547,194* PC **A05**/MF **A01**

**NASA-TP-2421**
Local Strain Redistribution Corrections for a Simplified Inelastic Analysis Procedure Based on an Elastic Finite-Element Analysis.
N85-20396/6 **14**-*532,690* PC **A02**/MF **A01**

**NASA-TP-2422**
Real-Time Multiprocessor Programming Language (RTMPL) User's Manual.
N85-28610/2 **20**-*545,211* PC **A06**/MF **A01**

**NASA-TP-2423**
Calibration of Sonic Valves for the Laminar Flow Control, Leading-Edge Flight Test.
N85-23707/1 **17**-*539,300* PC **A04**/MF **A01**

**NASA-TP-2424**
Integrated Exhaust Gas Analysis System for Aircraft Turbine Engine Component Testing.
N85-16100/8 **10**-*522,487* PC **A03**/MF **A01**

**NASA-TP-2425**
Evaluation and Comparison of Vertical Profile Data from the VISSR Atmospheric Sounder (VAS).
N85-16351/7 **10**-*521,088* PC **A03**/MF **A01**

**NASA-TP-2426**
Operating System for a Real-Time Multiprocessor Propulsion System Simulator. User's Manual.
N85-17596/6 **11**-*525,656* PC **A03**/MF **A01**

**NASA-TP-2427**
Flight Investigation of Stall, Spin and Recovery Characteristics of a Low-Wing, Single-Engine, T-Tail Light Airplane.
N85-25248/4 **18**-*539,674* PC **A05**/MF **A01**

**NASA-TP-2428**
Characteristic Vector Analysis of Inflection Ratio Spectra. New Technique for Analysis of Ocean Color Data.
N85-23237/9 **15**-*533,654* PC **A03**/MF **A01**

**NASA-TP-2429**
Spectroscopic Analysis of Radiation-Generated Changes in Tensile Properties of a Polyetherimide Film.
N85-25435/7 **18**-*540,882* PC **A03**/MF **A01**

**NASA-TP-2430**
Lee-Side Flow over delta Wings at Supersonic Speeds.
N85-29921/2 **22**-*549,276* PC **A08**/MF **A01**

**NASA-TP-2431**
Low-Speed Stability and Control Wind-Tunnel Investigations of Effects of Spanwise Blowing on Fighter Flight Characteristics at High Angles of Attack.
N85-23708/9 **17**-*537,006* PC **A03**/MF **A01**

**NASA-TP-2432**
Static Investigation of Several Yaw Vectoring Concepts on Nonaxisymmetric Nozzles.
N85-28924/7 **21**-*547,195* PC **A10**/MF **A01**

**NASA-TP-2433**
Experimental and Theoretical Study of the Longitudinal Aerodynamic Characteristics of delta and Double-delta Wings at Mach Numbers of 1.60, 1.90, and 2.16.
N85-29922/0 **22**-*549,277* PC **A06**/MF **A01**

**NASA-TP-2434**
Supersonic Aerodynamic Characteristics of Canard, Tailless, and Aft-Tail Configurations for 2 Wing Planforms.
N85-27822/4 **20**-*544,473* PC **A04**/MF **A01**

**NASA-TP-2435**
Combustion Gas Properties. 2. Natural Gas Fuel and Dry Air.
N85-21168/8 **14**-*532,745* PC **A02**/MF **A01**

**NASA-TP-2436**
Flow Through Very Porous Screens.
N85-20270/3 **14**-*532,575* PC **A02**/MF **A01**

**NASA-TP-2437**
High-Voltage, High-Power, Solid-State Remote Power Controllers for Aerospace Applications.
N85-21263/7 **14**-*531,717* PC **A03**/MF **A01**

**NASA-TP-2438**
Wind Weighting for Sounding Rockets with a Telemetry System.
N85-21246/2 **14**-*530,935* PC **A02**/MF **A01**

**NASA-TP-2439**
Nacelle/Pylon/Wing Integration on a Transport Model with a Natural Laminar Flow Nacelle.
N85-29924/6 **22**-*549,305* PC **A04**/MF **A01**

**NASA-TP-2440**
Kinematic Rate Control of Simulated Robot Hand at or Near Wrist Singularity.
N85-27575/8 **19**-*543,621* PC **A03**/MF **A01**

**NASA-TP-2441**
Effect of Low-Velocity or Ballistic Impact Damage on the Strength of Thin Composite and Aluminum Shear Panels.
AD-A155 925/1 **21**-*548,119* PC **A03**/MF **A01**

Effect of Low-Velocity or Ballistic Impact Damage on the Strength of Thin Composite and Aluminum Shear Panels.
N85-26924/9 **19**-*543,189* PC **A03**/MF **A01**

**NASA-TP-2443**
Effects of Chromium and Aluminum on Mechanical and Oxidation Properties of Iron-Nickel-Base Superalloys Based on cg-27.
N85-21323/9 **14**-*531,876* PC **A03**/MF **A01**

**NASA-TP-2444**
Effects of Propeller Rotation Direction on Airplane Interior Noise Levels.
N85-30767/6 **22**-*549,316* PC **A03**/MF **A01**

**NASA-TP-2445**
Piloted Simulation of an Algorithm for Onboard Control of Time-Optimal Intercept.
N85-28949/4 **21**-*547,220* PC **A03**/MF **A01**

**NASA-TP-2446**
Effect of Leading-Edge Load Constraints on the Design and Performance of Supersonic Wings.
N85-29923/8 **22**-*549,278* PC **A05**/MF **A01**

**NASA-TP-2448**
New NASA/MSFC Mission Analysis Global Cloud Cover Data Base.
N85-21878/2 **14**-*530,942* PC **A02**/MF **A01**

**NASA-TP-2449**
Humidity Effects on Adhesion of Nickel-Zinc Ferrite in Elastic Contact with Magnetic Tape and Itself.
N85-21359/3 **14**-*531,882* PC **A02**/MF **A01**

**NASA-TP-2450**
Three-Dimensional Baroclinic Instability of a Hadley Cell for Small Richardson Number.
N85-20605/0 **14**-*530,934* PC **A03**/MF **A01**

**NASA-TP-2453**
Monte Carlo Lattice Models for Adsorbed Polymer Conformation.
N85-24961/3 **17**-*537,701* PC **A02**/MF **A01**

**NASA-TP-2454**
Intersection of Three-Dimensional Geometric Surfaces.
N85-31839/2 **23**-*552,816* PC **A03**/MF **A01**

**NASA-TP-2455**
Cracked Orthotropic Sheet Stiffened by a Semi-Infinite Orthotropic Sheet.
N85-32339/2 **24**-*556,990* PC **A03**/MF **A01**

**NASA-TP-2456**
Integral Representation of the Generalized Euler-Mascheroni Constants.
N85-23305/4 **15**-*534,105* PC **A02**/MF **A01**

**NASA-TP-2458**
Image Compression Survey and Algorithm Switching Based on Scene Activity.
N85-33106/4 **26**-*560,690* PC **A02**/MF **A01**

**NASA-TP-2459**
Electrochemical Study of the Corrosion Behavior of Primer Coated 2219-T87 Aluminum.
N85-22662/9 **15**-*534,034* PC **A03**/MF **A01**

**NASA-TP-2460**
Flow Rate and Pressure Profiles for 1 to 4 Axially Alined Orifice Inlets.
N85-27165/8 **19**-*544,004* PC **A03**/MF **A01**

**NASA-TP-2461**
Performance and Surge Limits of a TF30-p-3 Turbofan Engine/Axisymmetric Mixed-Compression Inlet Propulsion System at Mach 2.5.
N85-25261/7 **18**-*542,023* PC **A02**/MF **A01**

**NASA-TP-2463**
Advanced Secondary Power System for Transport Aircraft.
N85-28944/5 **21**-*549,244* PC **A03**/MF **A01**

**NASA-TP-2467**
Aerodynamic Characteristics of a Distinct Wing-Body Configuration at Mach 6: Experiment, Theory, and the Hypersonic Isolation Principle.
N85-33107/2 **26**-*559,977* PC **A03**/MF **A01**

**NASA-TP-2468**
Exploratory Wind-Tunnel Investigation of a Wingtip-Mounted Vortex Turbine for Vortex Energy Recovery.
N85-26667/4 **19**-*542,068* PC **A02**/MF **A01**

**NASA-TP-2469**
Adding Computationally Efficient Realism to Monte Carlo Turbulence Simulation.
N85-28708/4 **20**-*544,488* PC **A02**/MF **A01**

**NASA-TP-2470**
Nonlinear Equations for Dynamics of Pretwisted Beams Undergoing Small Strains and Large Rotations.
AD-A156 934/2 **22**-*551,751* PC **A03**/MF **A01**

Nonlinear Equations for Dynamics of Pretwisted BEAMS Undergoing Small Strains and Large Rotations.
N85-27258/1 **19**-*544,271* PC **A03**/MF **A01**

**NASA-TP-2473**
Hertzian Contact in Two and Three Dimensions.
N85-32331/9 **24**-*556,989* PC **A03**/MF **A01**

**NASA-TP-2474**
Critical Evaluation of Various Turbulence Models as Applied to Internal Fluid Flows.
N85-25757/4 **18**-*541,682* PC **A04**/MF **A01**

**NASA-TP-2475**
Correlation of Predicted and Measured Sonic Boom Characteristics from the Reentry of Sts-1 Orbiter.
N85-29694/5 **21**-*549,269* PC **A03**/MF **A01**

**NASA-TP-2476**
Formulation/Cure Technology for Ultrahigh Molecular Weight Silphenylene-Siloxane Polymers.
N85-26990/0 **19**-*543,249* PC **A02**/MF **A01**

**NASA-TP-2477**
Combustion Gas Properties. Part 3: Hydrogen Gas Fuel and Dry Air.
N85-31058/9 **23**-*552,519* PC **A02**/MF **A01**

**NASA-TP-2480**
Joint Design for Improved Fatigue Life of Diffusion-Bonded Box-Stiffened Panels.
N85-33537/0 **26**-*561,165* PC **A02**/MF **A01**

**NASA-TP-2485**
Static and Dynamic Pressure Measurements on a NACA 0012 Airfoil in the Ames High Reynolds Number Facility.
N85-27823/2 **20**-*544,474* PC **A05**/MF **A01**

**NASA-TP-2486**
Fluid Surface Behavior in Low Gravity. Center Discretionary Fund No. 83-21.
N85-28260/6 **20**-*546,505* PC **A03**/MF **A01**

**NASA-TP-2487**
Formulation and Analysis of Combat Games.
N85-33745/9 **26**-*560,986* PC **A03**/MF **A01**

**NASA-TP-2488**
Surface Roughness Effects in Elastohydrodynamic Contacts.
N85-32329/3 **24**-*555,794* PC **A02**/MF **A01**

**NASA-TP-2489**
Convergence of Newton's Method for a Single Real Equation.
N85-28656/5 **20**-*545,572* PC **A02**/MF **A01**

**NASA-TP-2493**
Simulation Studies of Time-Control Procedures for the Advanced Air Traffic Control System.
N85-32101/6 **24**-*556,222* PC **A02**/MF **A01**

**NASA-TP-2494**
Recovery of Pyroshock Data from Distorted Acceleration Records.
N85-31141/3 **23**-*554,117* PC **A02**/MF **A01**

**NASA-TP-2495**
Rapid Estimation of Concentration of Aromatic Classes in Middistillate Fuels by High-Performance Liquid Chromatography.
N85-31307/0 **23**-*554,486* PC **A02**/MF **A01**

**NASA-TP-2496**
Effect of Speed and Press Fit on Fatigue Life of Roller-Bearing Inner-Race Contact.
N85-31511/7 **23**-*553,586* PC **A02**/MF **A01**

**NASA-TP-2498**
Fuel-Rich Catalytic Combustion: A Soot-Free Technique for in Situ Hydrogen-Like Enrichment.
N85-31244/5 **23**-*554,334* PC **A02**/MF **A01**

**NASA-TP-2500**
Mechanics of a Gaseous Film Barrier to Lubricant Wetting of Elastohydrodynamically Lubricated Conjunctions.
N85-32330/1 **24**-*555,795* PC **A02**/MF **A01**

**NASA-TP-2507**
Procedure for Estimating Orbital Debris Risks.
N85-33169/2 **26**-*562,059* PC **A02**/MF **A01**

**NASA-7060-0351**
Defense Information Systems Program Automated CORDIVEM Design Requirements.
AD-A148 403/9 **05**-*510,788* PC **A99**/MF **A01**

**NASA-85075**
Transonic Interactions of Unsteady Vortical Flows.
AD-A152 417/2 **14**-*530,738* PC **A02**/MF **A01**

**NASPAA/WP-1**
Bureaucratic Reorientation for Participatory Rural Development.
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PB85-212314 **19**-*542,294* PC **A04**/MF **A01**

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PB85-247443 **26**-*560,337* PC **A05**/MF **A01**

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PB85-246635 **26**-*560,331* CP **T02**

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Ambulatory Electroencephalographic (EEG) Monitoring.
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PB85-171775 **13**-*528,818* PC **A02**/MF **A01**

**NCTR/E-309**
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PB85-106656 **01**-*500,927* PC **A02**/MF **A01**

**NCTR/E-322**
Evaluation of a Newly Designed Rat Feeder: A Feasibility Study.
PB85-171783 **13**-*528,697* PC **A03**/MF **A01**

**NCTR/E-329**
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PB85-171858 **13**-*529,838* PC **A02**/MF **A01**

**NCTR/E-336**
Effects of Storage Conditions on General Deterioration and Stability of Nutrients in Experimental Diets.
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**NCTR-E-341**
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**NCTR/E-6002**
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PB85-171833 **13**-*528,891* PC **A02**/MF **A01**

**NCTR/E-6015**
Reliability of Experimental Studies for Predicting Hazards to Human Development.
PB85-171825 **13**-*528,890* PC **A04**/MF **A01**

**NCTR/E-6016**
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PB85-171734 **13**-*528,886* PC **A02**/MF **A01**

**NCTR/E-6030**
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PB85-171726 **13**-*528,750* PC **A02**/MF **A01**

**NCTR/E-6038**
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PB85-171718 **13**-*528,749* PC **A02**/MF **A01**

**NCTR/E-6041**
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**NCTR/E-6049**
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PB85-171874 **13**-*528,892* PC **A02**/MF **A01**

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PB85-171015 **13**-*528,881* PC **A02**/MF **A01**

**NCTR/E-6068**
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**NCTRF-156**
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**NIIAR-26(591)**
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DE84702329 **03**-*505,873* PC **A02**/MF **A01**

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DE84702442 **01**-*502,188* PC **A02**/MF **A01**

**NIIAR-27(592)**
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**NIIAR-28(593)**
Determination of Platinum Metals and Americium when Analysing These Element Intermetallic Compounds and Alloys.
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**NIIAR-32(597)**
Technique and Device for in-Pile Study of Powder Material Thermal Conductivity.
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**NIIAR-33(598)**
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Distribution of Zirconium in di-(2-Ethylhexyl)-Phosphoric Acid-Diluent-Citric Acid-Diethylenetriaminepentaacetic Acid Extraction System and Zr Effect on Transplutonium and Rare-Earth Elements Separation.
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**NIIAR-38(603)**
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**NIIAR-39(604)**
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**NIIAR-41(606)**
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DE85700739 **23**-*554,070* PC **A02**/MF **A01**

**NIIAR-47(562)**
Neutron Spectrometric Method for Determination of Americium and Curium in Samples.
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**NIIAR-49(564)**
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**NIIEFA-OM-0625**
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AD-A157 791/5 **24**-*554,990* PC **A02**/MF **A01**

**NMRI-84-05**
Autoradiographic Analysis of Resistance to Reinfection with Schistosoma Mansoni in Mice. Evidence That the Liver is a Major Site of Worm Elimination.
AD-A157 823/6 **24**-*554,992* PC **A02**/MF **A01**

**NMRI-84-09**
Dynamic (13)C NMR Studies on the Active Site Structure and Kinetics of Human Carbonic Anhydrase I.
AD-A157 824/4 **24**-*555,272* PC **A02**/MF **A01**

**NMRI-84-13**
C. Endosymbionts of Fungi and Invertebrates Other Than Arthropods.
AD-A146 742/2 **02**-*503,408* PC **A02**/MF **A01**

**NMRI-84-14**
B. Endosymbionts of Insects.
AD-A147 074/9 **02**-*503,245* PC **A02**/MF **A01**

**NMRI-84-15**
Tribe III. Wolbachieae.
AD-A147 142/4 **02**-*503,416* PC **A02**/MF **A01**

**NMRI-84-16**
Genus VIII. Rickettsiella.
AD-A147 025/1 **02**-*503,412* PC **A02**/MF **A01**

**NMRI-84-17**
Genus II. Rochalimaea.
AD-A147 152/3 **02**-*503,417* PC **A02**/MF **A01**

**NMRI-84-18**
Genus III. Coxiella.
AD-A147 099/6 **02**-*503,413* PC **A02**/MF **A01**

**NMRI-84-19**
Genus I. Rickettsia.
AD-A147 141/6 **02**-*503,415* PC **A02**/MF **A01**

**NMRI-84-20**
Pathogenesis and Treatment of Cerebral Air Embolism and Associated Disorders.
AD-A146 723/2 **02**-*503,280* PC **A04**/MF **A01**

**NMRI-84-37**
Comparison of Recompression Therapy in the Treatment of Spinal Cord Decompression Sickness.
AD-A157 663/6 **23**-*552,383* PC **A03**/MF **A01**

**NMRI-84-43**
In Vivo Protection of Penicillin-Susceptible Bacteroides Melaninogenicus from Penicillin by Facultative Bacteria Which Produce Beta-Lactamase.
AD-A145 773/8 **01**-*500,795* PC **A02**/MF **A01**

**NMRI-84-45**
Pathogenicity of Piliated and Encapsulated Bacteroides fragilis.
AD-A147 030/1 **02**-*503,290* PC **A02**/MF **A01**

**NMRI-84-46**
Immunologic Response to Protein Immobilized on the Surface of Liposomes via Covalent Azo-Bonding.
AD-A146 733/1 **02**-*503,281* PC **A02**/MF **A01**

**NMRI-84-47**
A C1q-Enzyme-Linked Immunosorbent Assay for Detection of Circulating Immune Complexes in Human Sera.
AD-A146 750/5 **02**-*503,283* PC **A02**/MF **A01**

**NMRI-84-48**
Genetic Mapping and Characterization of Pseudomonas aeruginosa Mutants Defective in the Formation of Extracellular Proteins.
AD-A146 732/3 **02**-*503,407* PC **A02**/MF **A01**

**NMRI-84-49**
A Model of Spinal Cord Dysbarism to Study Delayed Treatment. I. Producing Dysbarism.
AD-A146 735/6 **02**-*503,451* PC **A02**/MF **A01**

**NMRI-84-50**
A Model of Spinal Cord Dysbarism to Study Delayed Treatment. II. Effects of Treatment.
AD-A146 752/1 **02**-*503,452* PC **A02**/MF **A01**

**NMRI-84-51**
Substrate Utilization by Legionella Cells after Cryopreservation in Phosphate Buffer.
AD-A146 751/3 **02**-*503,410* PC **A02**/MF **A01**

**NMRI-84-52**
Production and Characterization of Monoclonal Antibodies to Exotoxin A from Pseudomonas aeruginosa.
AD-A157 753/5 **24**-*554,984* PC **A02**/MF **A01**

**NMRI-84-53**
The Effect of Exposure of Acetylcholinesterase to 2450-MHz Microwave Radiation.
AD-A146 747/1 **02**-*503,437* PC **A02**/MF **A01**

**NMRI-84-54**
Pathogenicity of Anaerobic Gram-Positive Cocci.
AD-A146 748/9 **02**-*503,409* PC **A02**/MF **A01**

**NMRI-84-55**
Spacing of Red Cells in the Microcirculation during Acute Anemia.
AD-A157 718/8 **24**-*554,979* PC **A03**/MF **A01**

**NMRI-84-56**
The Migration and Survival of Gamma-Irradiated Schistosoma mansoni Larvae and the Duration of Host-Parasite Contact in Relation to the Induction of Resistance in Mice.
AD-A157 638/8 **23**-*552,272* PC **A02**/MF **A01**

**NMRI-84-57**
Commercial Diving Fatalities.
AD-A146 749/7 **02**-*503,391* PC **A02**/MF **A01**

**NMRI-84-58**
On the Likelihood of Decompression Sickness.
AD-A146 731/5 **02**-*503,450* PC **A02**/MF **A01**

**NMRI-84-60**

Emergence of Beta-Lactamase-Producing Aerobic and Anaerobic Bacteria in the Oropharynx of Children Following Penicillin Chemotherapy.
AD-A157 612/3 **23**-*552,271* PC **A02**/MF **A01**

**NMRI-84-61**

Cerebral Arterial Air Embolism. 1. Is There Benefit in Beginning HBO Treatment at 6 Bar.
AD-A157 034/0 **22**-*549,793* PC **A02**/MF **A01**

**NMRI-84-62**

Cerebral Arterial Air Embolism. II. Effect of Pressure and Time on Cortical Evoked Potential Recovery.
AD-A156 998/7 **22**-*549,944* PC **A02**/MF **A01**

**NMRI-84-63**

Cerebral Arterial Air Embolism. III. Cerebral Blood Flow After Decompression from Various Pressure Treatments.
AD-A157 042/3 **22**-*549,795* PC **A02**/MF **A01**

**NMRI-84-64**

Cerebral Arterial Air Embolism. IV. Failure to Recover with Treatment, and Secondary Deterioration.
AD-A156 863/3 **22**-*549,942* PC **A02**/MF **A01**

**NMRI-84-65**

Non-Activated Guinea-Pig T Cells and Thymocytes Express Ia (I-Region Associated) Antigens. FACS (Fluorescence-Activated Cell Sorter) Analysis with Alloantibodies and Monoclonal Antibodies.
AD-A157 021/7 **22**-*549,792* PC **A02**/MF **A01**

**NMRI-84-66**

Changes in the Expression of B Cell Surface Markers on Complement Receptor-Positive and Complement Receptor-Negative B Cells Induced by Phorbol Myristate Acetate.
AD-A156 858/3 **22**-*549,778* PC **A02**/MF **A01**

**NMRI-84-67**

Surface Immunoglobulin Phenotype of Complement Receptor-Positive and Complement Receptor-Negative B Cells of Normal and xid Immunodeficient Mice.
AD-A156 870/8 **22**-*549,782* PC **A02**/MF **A01**

**NMRI-84-68**

Isolation of Human Mononuclear Cell Subsets by Counterflow Centrifugal Elutriation (CCE). I. Characterization of B-Lymphocyte-, T-Lymphocyte-, and Monocyte-Enriched Fractions by Flow Cytometric Analysis.
AD-A156 861/7 **22**-*549,779* PC **A02**/MF **A01**

**NMRI-84-69**

The Role of Beta-Lactamase-Producing Bacteria in the Persistence of Streptococcal Tonsillar Infection.
AD-A157 980/4 **24**-*555,011* PC **A02**/MF **A01**

**NMRI-84-70**

Kinetic Studies on the Reduction of Iron(III)Deuteroporphyrin-Human Serum Albumin Complex with Dithionite Ion.
AD-A157 982/0 **24**-*555,277* PC **A02**/MF **A01**

**NMRI-84-71**

Evaluation of Antimony Thioantimonate in Three in Vitro Short-Term Assays.
AD-A150 348/1 **10**-*521,454* PC **A03**/MF **A01**

**NMRI-84-72**

Remote Monitoring of Neuraxial Function in Anesthetized Dogs in Compression Chambers.
AD-A157 645/3 **23**-*552,381* PC **A02**/MF **A01**

**NMRI-84-73**

Learning Theory.
AD-A157 877/2 **24**-*554,903* PC **A02**/MF **A01**

**NMRI-84-74**

Somatosensory Evoked Potentials and Neuraxial Blood Flow in Central Nervous Systems Decompression Sickness.
AD-A157 875/6 **24**-*555,214* PC **A02**/MF **A01**

**NMRI-84-78**

Recognition and Response to Alloantigens In vivo. II. Priming with Accessory Cell-Depleted Donor Allogeneic Splenocytes: Induction of Specific Unresponsiveness to Foreign Major Histocompatibility Complex Determinants.
AD-A156 862/5 **22**-*549,729* PC **A02**/MF **A01**

**NMRI-84-79**

Inhibition of Prostaglandin Synthesis Restores Normal Hemodynamics in Canine Hyperdynamic Sepsis.
AD-A157 672/7 **24**-*554,974* PC **A02**/MF **A01**

**NMRI-84-80**

Formation of Tubuloreticular Inclusions in Human Lymphoma Cells Compared to the Induction of 2'-5'-Oligoadenylate Synthetase by Leucocyte Interferon in Dose-Effect and Kinetic Studies.
AD-A157 983/8 **24**-*555,013* PC **A02**/MF **A01**

**NMRI-84-81**

Stress Physiology and Behavior Underwater.
AD-A158 588/4 **25**-*557,842* PC **A03**/MF **A01**

**NMRI-84-82**

Desorption Ionization Mass Spectrometry of Synthetic Porphyrins.
AD-A157 720/4 **24**-*555,262* PC **A02**/MF **A01**

**NMRI-84-83**

Osteogenic Activity of Antibiotic-Supplemented Bone Allografts in the Guinea Pig.
AD-A157 887/1 **24**-*555,003* PC **A02**/MF **A01**

**NMRI-84-84**

The Effects of Antibiotic-Supplemented Bone Allografts on Contaminated, Partially Avulsive Fractures of the Canine Ulna.
AD-A157 886/3 **24**-*555,002* PC **A02**/MF **A01**

**NMRI-84-85**

Pulmonary Oxygen Toxicity in Awake Dogs: Metabolic and Physiological Effects.
AD-A157 611/5 **23**-*552,380* PC **A02**/MF **A01**

**NMRI-84-86**

Polyclonal Activation of the Murine Immune System by an Antibody to IgD. IV. In vivo Activation of B Lymphocytes from Immune Defective CBA/N Mice.
AD-A147 095/4 **02**-*503,292* PC **A02**/MF **A01**

Engineering Analysis of Diver Decompression Sickness.
AD-A157 671/9 **24**-*555,211* PC **A02**/MF **A01**

**NMRI-84-87**

An Automated, Noninvasive Method for Measuring Chest Wall Motion during High-Frequency Oscillation.
AD-A157 020/9 **22**-*549,913* PC **A02**/MF **A01**

**NMRI-84-88**

Morphological and Physiological Responses of the Lungs of Dogs to Acute Decompression.
AD-A157 035/7 **22**-*549,945* PC **A02**/MF **A01**

**NMRI-84-89**

Murine Immunization by Cesium-137 Irradiation Attenuated Schistosoma mansoni Cercariae.
AD-A158 066/1 **24**-*555,021* PC **A02**/MF **A01**

**NMRI-84-90**

Autoradiographic Detections of (111) Indium-Labeled Platelets in Brain Tissue Sections.
AD-A158 677/5 **25**-*557,658* PC **A02**/MF **A01**

**NMRI-84-91**

Recovery of Aerobic and Anaerobic Bacteria from Irradiated Mice.
AD-A157 885/5 **24**-*555,136* PC **A02**/MF **A01**

**NMRI-84-92**

Characterization of Murine Lymphocyte IgE Receptors by Flow Microfluorometry.
AD-A156 860/9 **22**-*549,726* PC **A02**/MF **A01**

**NMRI-84-93**

Self-Dependent B Lymphocyte Subpopulations: Relationship of Cell Volume to Surface Phenotype, Cell Cycle, Proliferative Response, and Requirements of Antibody Production to TNP-Ficoll and TNP-BA.
AD-A157 968/9 **24**-*555,007* PC **A02**/MF **A01**

**NMRI-84-94**

Rapid Method for Detecting Beta-Lactamase Producing Bacteria in Clinical Specimens.
AD-A157 981/2 **24**-*555,012* PC **A02**/MF **A01**

**NMRI-84-95**

Antagonism by Taurine of Pressure-Induced Tremor in the Guinea Pig.
AD-A156 742/9 **22**-*549,899* PC **A02**/MF **A01**

**NMRI-84-96**

Expression of Lyb-5 and M1s Determinants by Peyer's Patch B Lymphocytes of X-Linked Immunodeficient Mice.
AD-A157 876/4 **24**-*554,998* PC **A02**/MF **A01**

**NMRI-84-97**

Immunoelectron Microscopic Application of Monoclonal Antibodies for Identification of Lymphocyte Subsets Bearing Tubuloreticular Inclusions or Parallel Tubular Arrays.
AD-A157 985/3 **24**-*555,015* PC **A02**/MF **A01**

**NMRI-84-98**

Garre's Osteomyelitis of the Mandible Resolved by Endodontic Treatment.
AD-A157 652/9 **23**-*552,274* PC **A02**/MF **A01**

**NMRI-84-99**

Isolation of Human Mononuclear Cell Subsets by Counterflow Centrifugal Elutriation (CCE). II. Functional Properties of B-Lymphocyte-, T-Lymphocyte-, and Monocyte-Enriched Fractions.
AD-A157 004/3 **22**-*549,789* PC **A02**/MF **A01**

**NMRI-84-100**

Immune Function in Severe, Active Rheumatoid Arthritis: A Relationship between Peripheral Blood Mononuclear Cell Proliferation to Soluble Antigens and Mononuclear Cell Subset Profiles.
AD-A157 723/8 **24**-*554,980* PC **A02**/MF **A01**

**NMRI-84-101**

The Cellular IgE Response of Rodents to Infection with Nippostrongylus brasiliensis, Trichinella spiralis and Schistosoma mansoni.
AD-A156 878/1 **22**-*549,783* PC **A02**/MF **A01**

**NMRI-84-102**

Case 48. Part 1. Radiolucent Lesion of the Mandible.
AD-A158 635/3 **25**-*557,654* PC **A02**/MF **A01**

**NMRI-84-103**

Case 48. Part 2. Aneurysmal Bone Cyst of the Mandible G.
AD-A158 582/7 **25**-*557,651* PC **A02**/MF **A01**

**NMRI-84-104**

Epinephrine Absorption after Intratracheal Administration.
AD-A156 996/1 **22**-*549,905* PC **A02**/MF **A01**

**NMRI-84-105**

Altered H-Antigen Reactivity as an Early Indicator of Malignant Transformation in Oral Epithelium.
AD-A157 874/9 **24**-*554,997* PC **A02**/MF **A01**

**NMRI-84-106**

Dexamethasone Causes Less Steroid-Induced Alkalemia Than Methylprednisolone or Hydrocortisone.
AD-A157 650/3 **23**-*552,373* PC **A02**/MF **A01**

**NMRI-84-107**

Approaches to Subunit Vaccines against the Typhus Rickettsiae, Rickettsia typhi and Rickettsia prowazekii.
AD-A157 703/0 **24**-*554,978* PC **A02**/MF **A01**

**NMRI-84-108**

Serum Angiotensin-Converting Enzyme Activity in Dogs and Man Exposed to Increased Levels of Oxygen.
AD-A157 827/7 **24**-*555,165* PC **A02**/MF **A01**

**NMRI-84-109**

Scuba Disease Revisited.
AD-A156 625/2 **22**-*549,776* PC **A02**/MF **A01**

**NMRI-84-110**

Electrocardiographic Changes in Normal and Cardiomyopathic Hamsters Exposed to Hyperbaric Oxygen.
AD-A156 824/5 **22**-*549,775* PC **A02**/MF **A01**

**NMRI-84-111**

The Correction of Hypoventilation by High-Frequency Oscillation (HFO).
AD-A157 640/4 **23**-*552,408* PC **A02**/MF **A01**

**NMRI-84-112**

Ventilatory Response to CO2 Elevation and Submerged Exercise at 1 ATA Novice Divers.
AD-A158 090/1 **24**-*555,216* PC **A02**/MF **A01**

**NMRI-84-113**

A Data Acquisition System for Research in Thermal Physiology.
AD-A157 653/7 **23**-*552,382* PC **A02**/MF **A01**

**NMRI-84-115**

Physiology of Diving: C. Cardiovascular Effects.
AD-A158 767/4 **25**-*557,844* PC **A02**/MF **A01**

**NMRI-84-116**

Physiology of Diving: Journal of Hyperbaric Arthralgia.
AD-A158 575/1 **25**-*557,841* PC **A02**/MF **A01**

**NMRI-84-117**

Diagnosis and Treatment of Decompression Sickness: C. Neurological Forms of Decompression Sickness.
AD-A158 546/8 **25**-*557,840* PC **A02**/MF **A01**

**NMRI-84-118**

Emergency Treatment While under Pressure: Use of Drugs and Related Substances under Diving Conditions.
AD-A158 927/4 **25**-*557,683* PC **A02**/MF **A01**

**NMRI-84-119**

Toxoids of Pseudomonas aeruginosa Exotoxin-A: Photoaffinity Inactivation of Purified Toxin and Purified Toxin Derivatives.
AD-A158 814/4 **25**-*557,756* PC **A02**/MF **A01**

**NMRI-84-120**

Human Helper T-Cell Clones That Recognize Different Influenza Hemagglutinin Determinants Are Restricted by Different HLA-D Region Epitopes.
AD-A157 053/0 **23**-*552,242* PC **A02**/MF **A01**

**NMRI-84-121**

Predicting Areas Endemic for Schistosomiasis Using Weather Variables and a Landsat.
AD-A157 976/2 **24**-*555,009* PC **A02**/MF **A01**

**NMRI-84-122**

Prediction of Areas Endemic for Schistosomiasis through Use of Discriminant Analysis of Environmental Data.
AD-A157 855/8 **24**-*554,996* PC **A02**/MF **A01**

**NMRI-84-123**

Inhibition of T Cell Proliferation by Antibodies to Synthetic Peptides.
AD-A157 054/8 **23**-*552,243* PC **A02**/MF **A01**

**NMRI-84-125**

Thermal Effects on Schistosoma mansoni Irradiation-Attenuated Vaccine Production and Administration.
AD-A157 977/0 **24**-*555,010* PC **A02**/MF **A01**

**NMRI-84-126**

Recombination within the HLA-D Region.
AD-A157 865/7 **24**-*554,946* PC **A02**/MF **A01**

**NMRI-85-01**

Immunogenetics.
AD-A157 878/0 **24**-*554,999* PC **A03**/MF **A01**

**NMRI-85-03**

Physical Fitness Training Program for Research Saturation Divers.
AD-A157 307/0 **23**-*552,359* PC **A03**/MF **A01**

**NMRI-85-04**

Preliminary Studies of Exercise Capacity in Combat Swimmers after Cold Water Training Operations.
AD-A157 635/4 **23**-*552,406* PC **A02**/MF **A01**

**NMRI-85-05**
T Cell-Derived B Cell Growth Factor(s) Can Induce Stimulation of Both Resting and Activated B Cells.
AD-A156 741/1 **22**-*549,727* PC **A02**/MF **A01**

**NMRI-85-06**
Enhanced Phospholipase A2 Activity in Rat Plasma, Liver, and Intestinal Mucosa Following Endotoxin Treatment: A Possible Explanation for the Protective Effect of Indomethacin in Endotoxic Shock.
AD-A157 674/3 **24**-*555,155* PC **A02**/MF **A01**

**NMRI-85-07**
An Automated Analysis for Superoxide Dismutase Enzyme Activity.
AD-A157 789/9 **24**-*555,271* PC **A02**/MF **A01**

**NMRI-85-08**
Decreased Expression of N-myc Precedes Retinoic Acid-Induced Morphological Differentiation of Human Neuroblastoma.
AD-A157 759/2 **24**-*554,985* PC **A02**/MF **A01**

**NMRI-85-09**
An Immunomagnetic Flow System for Selective Depletion of Cell Populations from Marrow.
AD-A157 746/9 **24**-*554,982* PC **A02**/MF **A01**

**NMRI-85-10**
Modulation of Cell Surface Antigens Accompanies Morphological Differentiation of Human Neuroblastoma Cell Lines.
AD-A157 760/0 **24**-*554,986* PC **A03**/MF **A01**

**NMRI-85-11**
Sensitive Detection of Neuroblastoma Cells in Bone Marrow for Monitoring the Efficacy of Marrow Purging Procedures.
AD-A157 610/7 **23**-*552,270* PC **A02**/MF **A01**

**NMRI-85-12**
Measles-Specific T Cell Clones Derived from a Twin with Multiple Sclerosis: Genetic Restriction Studies.
AD-A157 790/7 **24**-*554,989* PC **A02**/MF **A01**

**NMRI-85-13**
A Panel of Monoclonal Antibodies Which Discriminate Neuroblastoma from Ewing's Sarcoma, Rhabdomyosarcoma, Neuroepithelioma, and Hematopoietic Malignancies.
AD-A157 654/5 **23**-*552,275* PC **A02**/MF **A01**

**NMRI-85-14**
Immunohistologic Detection and Phenotyping of Neuroblastoma Cells in Bone Marrow Using Cytoplasmic Neuron Specific Enolase and Cell Surface Antigens.
AD-A157 786/5 **24**-*554,988* PC **A02**/MF **A01**

**NMRI-85-15**
Depletion of Neuroblastoma Cells from Bone Marrow with Monoclonal Antibodies and Magnetic Immunobeads.
AD-A157 785/7 **24**-*554,987* PC **A02**/MF **A01**

**NMRI-85-16**
Statistically Based Decompression Tables. 1. Analysis of Standard Air Dives: 1950-1970.
AD-A157 555/4 **23**-*552,404* PC **A04**/MF **A01**

**NMRI-85-17**
Statistically Based Decompression Tables. 2. Equal Risk Air Diving Decompression Schedules.
AD-A157 606/5 **23**-*552,405* PC **A04**/MF **A01**

**NMRI-85-20**
Interaction between Penicillin Clindamycin or Metronidazole and Gentamicin Against Species of Clostridia and Anaerobic and Facultatively Anaerobic Gram-Positive cocci.
AD-A156 823/7 **22**-*549,900* PC **A02**/MF **A01**

**NMRI-85-21**
B Cells That Simultaneously Express Surface IgM and IgE in Nippostrongylus brasiliensis-Infected SJA/9 Mice Do Not Provide Evidence for Isotype Switching without Gene Deletion.
AD-A157 005/0 **22**-*549,790* PC **A02**/MF **A01**

**NMRI-85-23**
A Method for the Covalent Attachment of Cells to Glass Slides for Use in Immunohistochemical Assays.
AD-A157 675/0 **24**-*554,976* PC **A02**/MF **A01**

**NMRI-85-25**
Immunologic and Hematologic Perturbations in Models of Combined Injury.
AD-A157 826/9 **24**-*554,994* PC **A02**/MF **A01**

**NMRI-85-26**
The Role of Encapsulation in the Pathogenesis of Anaerobic Gram-Positive Cocci.
AD-A157 787/3 **24**-*555,137* PC **A02**/MF **A01**

**NMRI-85-27**
Sublethal Hemorrhage Impairs the Peritoneal Inflammatory Response in the Rat.
AD-A156 833/6 **22**-*549,777* PC **A02**/MF **A01**

**NMRI-85-28**
Enzyme-Linked Immunosorbent Assay for Detection of Antibodies to Pseudomonas aeruginosa Exoproteins.
AD-A157 162/9 **23**-*552,352* PC **A02**/MF **A01**

**NMRI-85-29**
Platelet Accumulation in Regions of Low Blood Flow during the Postischemic Period.
AD-A157 673/5 **24**-*554,975* PC **A02**/MF **A01**

**NMRI-85-32**
Diminished Pressor Response to Exogenous Norepinephrine and Angiotensin II in Septic, Unaneesthetized Rats: Evidence for a Prostaglandin-Mediated Effect.
AD-A157 044/9 **22**-*549,796* PC **A02**/MF **A01**

**NMRI-85-33**
Active Site Formation in the Last Stages of Folding of Carbonic Anhydrase.
AD-A156 879/9 **22**-*549,714* PC **A02**/MF **A01**

**NMRI-85-35**
Norepinephrine Alone versus Norepinephrine Pluslow-Dose Dopamine: Enhanced Renal Blood Flow with Combination Pressor Therapy.
AD-A157 079/5 **23**-*552,364* PC **A02**/MF **A01**

**NMRI-85-36**
In Vitro Antigen-Specific Antibody Response to the Species-Specific Surface Protein Antigens of Typhus Group Rickettsiae by Human Peripheral Blood Mononuclear Cells: Generation of an Antigen-Dependent Suppressor T Cell.
AD-A157 998/6 **24**-*555,018* PC **A02**/MF **A01**

**NMRI-85-40**
Effect of Prostacyclin, Indomethacin, and Heparin on Postischemic Nreve Cell Function.
AD-A158 708/8 **25**-*557,764* PC **A02**/MF **A01**

**NMRI-85-41**
Solubility Properties in Polymers and Biological Media. 2. The Correlation and Prediction of the Solubilities of Nonelectrolytes in Biological Tissues and Fluids.
AD-A158 636/1 **25**-*557,762* PC **A02**/MF **A01**

**NMRI-85-42**
Role of Prostaglandins and Related Compounds in the Pathophysiology of Endotoxic and Septic Shock.
AD-A158 704/7 **25**-*557,602* PC **A02**/MF **A01**

**NMRL-84-38**
Proposed Thermal Limits for Divers.
AD-A146 724/0 **02**-*503,449* PC **A03**/MF **A01**

**NMRU-2-TR-967**
Comparison of Immunity to Malaria in Sudan and Indonesia: Crisis-Form Versus Merzoite-Invasion Inhibition.
AD-A147 672/0 **04**-*508,476* PC **A02**/MF **A01**

**NOAA ATLAS-6**
Atlas of Outgoing Longwave Radiation Derived from NOAA (National Oceanic and Atmospheric Administration) Satellite Data.
PB85-155455 **09**-*518,457* PC **A03**/MF **A01**

**NOAA-DR-ERL-AOML-3**
Airborne Research Meteorological Data Collected by the National Hurricane Research Laboratory (Hurricane Research Division/AOML) during the 1982-1983 Hurricane Seasons--Inventory and Availability.
PB85-163681 **11**-*523,399* PC **A08**/MF **A01**

**NOAA-DR-ERL-AOML-4**
Data for EPOCS/FGGE Drifting Buoys: February 1979 through October 1980.
PB85-196970 **17**-*537,857* PC **A08**/MF **A01**

**NOAA-DR-ERL-ARL-4**
Lidar Observations of Stratospheric Aerosol Over Mauna Loa Observatory: 1974-1981.
PB85-115061 **03**-*505,401* PC **A06**/MF **A01**

**NOAA-DR-ERL-ARL-5**
Lidar Observations of Stratospheric Aerosol Over Mauna Loa Observatory: 1982-1983.
PB85-187896 **16**-*535,368* PC **A05**/MF **A01**

**NOAA-DR-ERL-GFDL-5**
Circulation Statistics Based on FGGE (First GARP Global Experiment) Level III-B Analyses Produced by GFDL (Geophysical Fluid Dynamics Laboratory).
PB85-149318 **08**-*515,865* PC **A19**/MF **A01**

**NOAA-DR-ERL-GFDL-6**
Comparison of Circulation Statistics Based on FGGE (First GARP Global Experiment) Level III-B Analyses Produced by GFDL (Geophysical Fluid Dynamics Laboratory) and ECMWF (European Centre for Medium Range Weather Forecasts) for the Special Observing Periods.
PB85-153948 **10**-*521,093* PC **A11**/MF **A01**

**NOAA-DR-ERL-GLERL-27**
Freeze-Up, Breakup, and Date of Maximum Ice Thickness for the St. Lawrence River--1971-81.
PB85-119451 **04**-*509,035* PC **A03**/MF **A01**

**NOAA-DR-ERL-PMEL-11**
CTD/O2 Measurements on the CONRAD Cruise, September-October 1982.
PB85-188191 **15**-*533,749* PC **A06**/MF **A01**

**NOAA-DR-ERL-PMEL-13**
CTD/O2 Measurements during 1982 and 1983 as Part of the Equatorial Pacific Ocean Climate Studies (EPOCS).
PB85-239648 **26**-*560,646* PC **A19**/MF **A01**

**NOAA-DR-ERL-SEL-4**
Atlas of Polar Cap Energetic Particle Observations. Volume 2. NOAA-6: 8 July 1979 to 10 May 1983.
PB85-109072 **02**-*502,905* PC **A08**/MF **A01**

**NOAA-JTRE-210**
Transport Theory of Short Surface Waves.
PB85-136646 **06**-*513,353* PC **A03**/MF **A01**

**NOAA-JTRE-211**
Time-Dependent Wave Transport Theory.
PB85-136638 **06**-*513,352* PC **A02**/MF **A01**

**NOAA-NWS-ERCP-15**
MDR - Processing Manually Digitized Radar Observations (Revised).
PB85-220580 **21**-*547,292* PC **A04**/MF **A01**

**NOAA-NWS-ERCP-25**
FTASUM: Aviation Forecast Summaries.
PB85-112977 **03**-*505,424* PC **A02**/MF **A01**

**NOAA-NWS-ERCP-26**
SAOSUM: A Short Summary of Observations.
PB85-120384 **04**-*508,092* PC **A02**/MF **A01**

**NOAA-NWS-ERCP-27**
TRAJ - Single Station Trajectory Plot.
PB85-135002 **06**-*517,780* PC **A02**/MF **A01**

**NOAA-NWS-ERCP-28**
VIDTEX.
PB85-175669 **14**-*530,857* PC **A03**/MF **A01**

**NOAA-NWS-ERCP-29**
Isentropic Plotter.
PB85-175651 **13**-*528,461* PC **A03**/MF **A01**

**NOAA-NWS-ERCP-30**
CERR: An Aviation Verification Program.
PB85-204824 **19**-*542,290* PC **A03**/MF **A01**

**NOAA-NWS-ERCP-31**
Correlation and Regression Equation Program - REGRS.
PB85-213353 **20**-*544,618* PC **A03**/MF **A01**

**NOAA-NWS-ERCP-32**
Scatter Diagram and Histogram Program - SCATR.
PB85-213346 **20**-*544,617* PC **A03**/MF **A01**

**NOAA-NWS-ERCP-33**
TIMCHEK.
PB85-221257 **21**-*547,294* PC **A03**/MF **A01**

**NOAA-NWS-TDL-CP-84-2**
AFOS (Automation of Field Operations and Service) Surface Observation Decoding.
PB85-137586 **06**-*512,792* PC **A03**/MF **A01**

**NOAA/NWS/TDL/CP-84/3**
AFOS (Automation of Field Operations and Services) ERA Forecast Verification, September 1984.
PB85-137578 **06**-*512,791* PC **A03**/MF **A01**

**NOAA-NWS-TDL-CP-85-1**
AFOS (Automation of Field Operations and Services) Monitoring of Terminal Forecasts.
PB85-236388 **24**-*554,898* PC **A03**/MF **A01**

**NOAA-NWS-WRCP-1**
Standardized Format for Computer Series.
PB85-109668 **03**-*506,162* PC **A02**/MF **A01**

**NOAA-NWS-WRCP-2**
AFOS (Automation of Field Operations and Services) Crop and Soil Information Report Program.
PB85-110419 **02**-*502,958* PC **A02**/MF **A01**

**NOAA-NWS-WRCP-3**
Decoder for Significant Level Transmissions of RAOBS.
PB85-109676 **03**-*506,163* PC **A02**/MF **A01**

**NOAA-NWS-WRCP-6**
Normal Maximum/Minimum Temperature Program for Montana.
PB85-112878 **02**-*502,965* PC **A02**/MF **A01**

**NOAA-NWS-WRCP-7**
Plotting of Ocean Wave Energy Spectral Data.
PB85-1 2860 **02**-*502,964* PC **A02**/MF **A01**

**NOAA-NWS-WRCP-27**
Animation of AFOS (Automation of Field Operations and Services) Graphics.
PB85-109833 **03**-*506,165* PC **A03**/MF **A01**

**NOAA-NWS-WRCP-28**
AFOS (Automation of Field Operations and Services) Interactive Graphics.
PB85-110401 **03**-*506,171* PC **A03**/MF **A01**

**NOAA-NWS-WRCP-29**
Computer Programs for Aviation Forecast Transmission.
PB85-110518 **02**-*502,957* PC **A02**/MF **A01**

**NOAA-NWS-WRCP-30**
AFOS (Automation of Field Operations and Services) Product Collective Program.
PB85-109841 **03**-*506,166* PC **A03**/MF **A01**

**NOAA-NWS-WRCP-31**
Graphic Display of FOUS Output.
PB85-109817 **03**-*506,164* PC **A03**/MF **A01**

**NOAA-NWS-WRCP-32**
Automation of Hourly Aviation Observation Calculations.
PB85-109650 **02**-*502,950* PC **A03**/MF **A01**

**NOAA-NWS-WRCP-33**
Mesoscale Objective Analysis. (Revised).
PB85-109825 **02**-*502,951* PC **A03**/MF **A01**

**NOAA-NWS-WRCP-34**
Orographic Snowfall Rate Model for Alta, Utah.

PB85-109874 **02**-*502,954* PC **A02**/MF **A01**

**NOAA-NWS-WRCP-35**
F-6 Monthly Climatic Summary Program for AFOS (Automation of Field Operations and Services).
PB85-109858 **02**-*502,952* PC **A02**/MF **A01**

**NOAA-NWS-WRCP-36**
Soaring Forecast Program.
PB85-112274 **02**-*502,963* PC **A02**

**NOAA-NWS-WRCP-37**
Program to Work up Climatic Summary Weather Service Forms (F-6, F-52).
PB85-109866 **02**-*502,953* PC **A02**/MF **A01**

**NOAA-NWS-WRCP-38**
Hovmoller Diagram.
PB85-112159 **03**-*505,422* PC **A03**/MF **A01**

**NOAA-NWS-WRCP-39**
850-Millibar Charts Derived from Surface Data.
PB85-112175 **03**-*505,423* PC **A03**/MF **A01**

**NOAA-NWS-WRCP-40**
AFOS (Automation of Field Operations and Services) Vector Graphic to Grid Point Program.
PB85-109544 **03**-*506,161* PC **A03**/MF **A01**

**NOAA-NWS-WRCP-41**
Pilot Briefing Program for the Background Partition.
PB85-109551 **02**-*502,948* PC **A03**/MF **A01**

**NOAA-NWS-WRCP-42**
VERDAT and Four Local Verification Routines: TEM, BRI, REL, AV.
PB85-109536 **02**-*502,947* PC **A03**/MF **A01**

AEV Local Verification for Aviation, Precipitation, and Temperature Programs: AV, REL, TEM.
PB85-179125 **14**-*530,954* PC **A03**/MF **A01**

AEV (AFOS Era Verification) Local Verification for Aviation, Precipitation, and Temperature Programs: AV, REL, TEM (May 1985 Revision).
PB85-210342 **19**-*542,285* PC **A03**/MF **A01**

**NOAA-NWS-WRCP-43**
OBLOG (Designed to Create and Maintain a 49 Hour Observation Log File).
PB85-1095[illegible] **02**-*502,946* PC **A02**/MF **A01**

**NOAA-NWS-WRCP-44**
Communications Software for Olympics Micromation Computer System.
PB85-109510 **03**-*506,160* PC **A04**/MF **A01**

**NOAA-NWS-WRCP-45**
Plotfile Appender.
PB85-109502 **03**-*506,159* PC **A02**/MF **A01**

**NOAA-NWS-WRCP-46**
Spectral Wave Data Analysis (Non-Directional).
PB85-109577 **02**-*503,647* PC **A02**/MF **A01**

**NOAA-NWS-WRCP-47**
Isentropic Objective Analysis.
PB85-112167 **03**-*506,175* PC **A02**/MF **A01**

**NOAA-NWS-WRCP-48**
Hurricane Plotting Program.
PB85-121432 **04**-*508,094* PC **A03**/MF **A01**

**NOAA-NWS-WRCP-50**
AOS (Advanced Operating System) Graphic to Grid Point Conversion and Departure from Normal Programs.
PB85-248110 **26**-*560,114* PC **A03**/MF **A01**

**NOAA-NWS-WRCP-51**
Sunrise/Sunset.
PB85-239929 **26**-*560,079* PC **A02**/MF **A01**

**NOAA-S/T-84-158**
Synthesis of Current Measurements in Puget Sound, Washington. Volume 2. Indices of Mass and Energy Inputs into Puget Sound: Runoff, Air Temperature, Wind, and Sea Level.
PB85-176436 **14**-*531,547* PC **E04**/MF **A01**

**NOAA-TM-ERL-AOML-57**
Hydrographic Data Collected in 1982 and 1983 for EPOCS (Equatorial Pacific Ocean Climate Studies).
PB85-110799 **02**-*503,743* PC **A12**/MF **A01**

**NOAA-TM-ERL-AOML-58**
Comparison of Acoustic Doppler Profiler Techniques: Chesapeake Bay Results.
PB85-110088 **02**-*503,648* PC **A03**/MF **A01**

**NOAA-TM-ERL-AOML-59**
Acoustic Remote Sensing of Waste Disposal in the Ocean.
PB85-110070 **02**-*504,329* PC **A06**/MF **A01**

**NOAA-TM-ERL-AOML-60**
Drifting Buoy Data from the Equatorial Pacific Ocean for the Period of August 31, 1980 through April 30, 1982.
PB85-120046 **04**-*509,025* PC **A06**/MF **A01**

**NOAA-TM-ERL-ARL-128**
Evaluation of the Pollution Episodic Model Using the RAPS Data.
PB85-122158 **04**-*509,685* PC **A04**/MF **A01**

**NOAA-TM-ERL-ARL-129**
NIMBUS-7 SBUV (Solar Backscatter Ultraviolet) Observations of Solar UV Spectral Irradiance Variations Caused by Solar Rotation and Active-Region Evolution for the Period November 7, 1978-November 1, 1980.
PB85-128452 **05**-*510,693* PC **A05**/MF **A01**

**NOAA-TM-ERL-ARL-130**
Atlantic Coast Unique Regional Atmospheric Tracer Experiment (ACURATE).
PB85-128460 **05**-*511,856* PC **A04**/MF **A01**

**NOAA-TM-ERL-ARL-131**
Preliminary Estimates of Airborne Pollutant Fluxes to the Camp Branch and Cross Creek Watersheds.
PB85-161982 **11**-*524,660* PC **A06**/MF **A01**

**NOAA-TM-ERL-ARL-132**
Acidity of Samoan Rain, Trends and Evaluation of the First Decade.
PB85-161495 **11**-*523,396* PC **A03**/MF **A01**

**NOAA-TM-ERL-ARL-133**
Chemistry of Precipitation for the Island of Hawaii during the HAMEC (Hawaii Mesoscale Energy and Climate) Project.
PB85-175131 **12**-*526,019* PC **A03**/MF **A01**

**NOAA-TM-ERL-ARL-134**
Atmospheric Cross Sections for the Arctic Gas and Aerosol Sampling Program: March-April 1983.
PB85-181154 **14**-*530,922* PC **A04**/MF **A01**

**NOAA-TM-ERL-ARL-135**
Analysis and Assessment of US-WMO Regional Precipitation Chemistry Measurements (1972-1982), a Subset of the National Trends Network.
PB85-212959 **20**-*544,594* PC **A12**/MF **A01**

**NOAA-TM-ERL-ARL-136**
Assessment of Precipitation Chemistry Measurements from the Global Trends Network and Its Predecessors (1972-1982).
PB85-212058 **20**-*544,592* PC **A07**/MF **A01**

**NOAA-TM-ERL-ARL-137**
User's Guide for PEM-2: Pollution Episodic Model (Version 2).
PB85-242287 **26**-*561,075* PC **A07**/MF **A01**

**NOAA-TM-ERL-ARL-138**
Cross-Appalachian Tracer Experiment (CAPTEX) Operations Review.
PB85-241487 **26**-*561,070* PC **A06**/MF **A01**

**NOAA-TM-ERL-ESG-7**
Preliminary Results of Associating Cloud-to-Ground Lightning with Surface Convergence and Radar Reflectivity at Kennedy Space Center in 1983.
PB85-128353 **05**-*510,718* PC **A05**/MF **A01**

**NOAA-TM-ERL-ESG-8**
Mesoscale Convective Systems: A Satellite-Data-Based Climatology.
PB85-187862 **16**-*535,396* PC **A04**/MF **A01**

**NOAA-TM-ERL-ESG-9**
Airborne Investigations of Mesoscale Convective Systems (AIMCS), 1984: Operational Summary and Data Inventory.
PB85-187904 **16**-*535,400* PC **A05**/MF **A01**

**NOAA-TM-ERL-ESG-10**
Automated Method for the Documentation of Cloud-Top Characteristics of Mesoscale Convective Systems.
PB85-204246 **18**-*539,807* PC **A07**/MF **A01**

**NOAA-TM-ERL-ESG-11**
Climatology and Conditional Climatology of Summer Precipitation in Northeast Colorado.
PB85-210375 **19**-*542,287* PC **A04**/MF **A01**

**NOAA-TM-ERL-ESG-12**
Summary of Meteorological Product Usage during the Profs Convection Forecast Exercise of 1983.
PB85-210367 **19**-*542,286* PC **A03**/MF **A01**

**NOAA-TM-ERL-ESG-13**
Diurnal and Spatial Variability of Lightning Activity in Central Florida during the Summer.
PB85-210383 **19**-*542,288* PC **A03**/MF **A01**

**NOAA-TM-ERL-ESG-14**
Diurnal and Spatial Variability of Lightning Activity in Northeastern Colorado during the Summer.
PB85-212173 **19**-*542,293* PC **A03**/MF **A01**

**NOAA-TM-ERL-ESG-15**
Operational Meteorology of Convective Weather. Volume 2. Storm Scale Analysis.
PB85-226959 **22**-*549,447* PC **A11**/MF **A01**

**NOAA-TM-ERL-ESG-16**
First Experiment in Forecasting Cool-Season Weather with the Profs System.
PB85-230605 **23**-*552,048* PC **A03**/MF **A01**

**NOAA-TM-ERL-GLERL-52**
Capabilities of Various Research Organizations to Provide Information on Great Lakes Water Quality.
PB85-106623 **01**-*501,798* PC **A02**/MF **A01**

**NOAA-TM-ERL-GLERL-53**
PATHFINDER: A Trajectory Prediction System for the Great Lakes.
PB85-115335 **03**-*505,984* PC **A03**/MF **A01**

**NOAA-TM-ERL-GLERL-54**
Update of U.S. Great Lakes Tributary Loadings, 1979-80.
PB85-171528 **12**-*527,351* PC **A03**/MF **A01**

**NOAA-TM-ERL-GLERL-55**
Great Lakes Winter Weather and Ice Conditions for 1982-83.
PB85-165009 **11**-*523,402* PC **A03**/MF **A01**

**NOAA-TM-ERL-GLERL-56**
Great Lakes Regional Fallout Source Functions.
PB85-237162 **25**-*559,226* PC **A03**/MF **A01**

**NOAA-TM-ERL-GLERL-57**
Coupled Lakes Model for Estimating the Long-Term Response of the Great Lakes to Time-Dependent Loadings of Particle-Associated Contaminants.
PB85-237154 **25**-*559,225* PC **A03**/MF **A01**

**NOAA-TM-ERL-NSSL-97**
J. P. Finley: The First Severe Storms Forecaster.
PB85-175453 **14**-*530,950* PC **A03**/MF **A01**

**NOAA-TM-ERL-PMEL-36**
Climate Forecast Verifications: U.S. Mainland, 1974-82.
PB85-133379 **05**-*510,722* PC **A11**

**NOAA-TM-ERL-PMEL-58**
Focus Users Guide.
PB85-133767 **05**-*511,000* PC **A03**/MF **A01**

**NOAA-TM-ERL-PMEL-59**
Wave and Current Observations at the Columbia River Entrance, September 10-13, 1981.
PB85-164291 **11**-*524,083* PC **A11**/MF **A01**

**NOAA-TM-ERL-PMEL-60**
Current Inventory of Anthropogenic Carbon Dioxide in the North Pacific Subarctic Gyre.
PB85-187938 **16**-*535,401* PC **A04**/MF **A01**

**NOAA-TM-ERL-PMEL-61**
Sedimentation Rates in Puget Sound from (210)Pb Measurements.
PB85-193381 **18**-*540,471* PC **A03**/MF **A01**

**NOAA-TM-ERL-SEL-69**
Solar Activity Monitoring Satellite (SAMSAT): Impact on Space Environment Services.
PB85-165066 **11**-*523,348* PC **A03**/MF **A01**

**NOAA-TM-ERL-SEL-70**
SESC (Space Environment Services Center) Satellite Broadcasting 10-Year Plan.
PB85-163541 **11**-*524,882* PC **A03**/MF **A01**

**NOAA-TM-ERL-SEL-71**
TIROS/NOAA (Television and Infrared Observation Satellite/National Oceanic and Atmospheric Administration) Satellites Space Environment Monitor Archive Tape Documentation.
PB85-187920 **16**-*535,389* PC **A04**/MF **A01**

**NOAA-TM-ERL-SEL-72**
GOES X-ray Sensor Inflight Relative Calibration.
PB85-221091 **21**-*548,712* PC **A03**/MF **A01**

**NOAA-TM-ERL-SEL-73**
Omega Long-Term Phase Advances.
PB85-233211 **23**-*553,810* PC **A04**/MF **A01**

**NOAA-TM-ERL-WPL-119**
Digital Controller for the Wave Propagation Laboratory's VHF and UHF Wind-Profiling Radars.
PB85-112142 **03**-*505,421* PC **A06**/MF **A01**

**NOAA-TM-ERL-WPL-120**
Radar Wind Profilers in the Colorado Network.
PB85-185486 **15**-*533,012* PC **A05**/MF **A01**

**NOAA-TM-ERL-WPL-121**
Computer Demodulation - A New Technique for Comparison Receivers.
PB85-193555 **18**-*540,652* PC **A03**/MF **A01**

**NOAA-TM-ERL-WPL-122**
Atmospheric Infrared Backscattering Profiles: Interpretation of Statistical and Temporal Properties.
PB85-212934 **20**-*544,593* PC **A06**/MF **A01**

**NOAA-TM-ERL-WPL-123**
Folded-Path Optical (C sub n, sup 2) Instrument.
PB85-216398 **20**-*546,526* PC **A03**/MF **A01**

**NOAA-TM-ERL-WPL-124**
Inference of Frontal Temperature Change from the Observed Wind Field.
PB85-221240 **21**-*547,293* PC **A03**/MF **A01**

**NOAA-TM-ERL-WPL-125**
Query Language for the Profiler Data System.
PB85-240190 **25**-*557,316* PC **A10**/MF **A01**

**NOAA-TM-NESDIS-AISC-1**
Assessment Models for Surface Dispersion of Marine Pollutants.
PB85-226629 **22**-*550,078* PC **A03**/MF **A01**

**NOAA-TM-NESDIS-AISC-2**
Comparison of Boundary Layer Winds from NWS LFM (National Weather Service's Limited-Area Fine-Mesh) Output and Instrumented Buoys.
PB85-226439 **22**-*550,077* PC **A04**/MF **A01**

**NOAA-TM-NESDIS-6**
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PB85-191518 **16**-*536,407* PC **A03**/MF **A01**

**NOAA-TM-NESDIS-7**
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PB85-135754 **05**-*511,451* PC **A02**/MF **A01**

**NOAA-TM-NESDIS-8**
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PB85-164994 **11**-*523,401* PC **A04**/MF **A01**

**NOAA/TM/NESDIS-9**
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PB85-191815 **16**-*535,406* PC **A03**/MF **A01**

**NOAA-TM-NESDIS-10**
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PB85-208452 **19**-*542,282* PC **A03**/MF **A01**

**NOAA-TM-NESDIS-11**
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PB85-208460 **19**-*542,347* PC **A02**/MF **A01**

**NOAA-TM-NESDIS-12**
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PB85-237725 **25**-*557,315* PC **A03**/MF **A01**

**NOAA-TM-NMFS-F/AKR-5**
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PB85-108033 **01**-*501,149* PC **A11**/MF **A01**

**NOAA-TM-NMFS-F/NEC-29**
Status of the Fishery Resources off the Northeastern United States for 1983.
PB85-106847 **01**-*500,614* PC **A07**/MF **A01**

**NOAA-TM-NMFS-F/NEC-30**
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PB85-108991 **02**-*503,267* PC **A06**/MF **A01**

**NOAA-TM-NMFS-F/NEC-31**
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PB85-150290 **08**-*516,481* PC **A02**/MF **A01**

**NOAA-TM-NMFS-F/NEC-32**
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PB85-145753 **08**-*516,467* PC **A04**/MF **A01**

**NOAA-TM-NMFS-F/NEC-33**
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PB85-150985 **10**-*521,770* PC **A14**/MF **A01**

**NOAA-TM-NMFS-F/NEC-34**
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PB85-204683 **18**-*540,423* PC **A23**/MF **A01**

**NOAA-TM-NMFS-F/NEC-35**
Northeast Monitoring Program: Annual NEMP Report on the Health of the Northeast Coastal Waters, 1982 (NEMP-III-84-0002).
PB85-219129 **20**-*545,051* PC **A05**/MF **A01**

**NOAA-TM-NMFS-F/NEC-36**
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PB85-220093 **20**-*545,053* PC **A08**/MF **A01**

**NOAA-TM-NMFS-F/NEC-37**
Regional Action Plan: Northeast Regional Office and Northeast Fisheries Center,
PB85-219962 **21**-*548,573* PC **A05**/MF **A01**

**NOAA-TM-NMFS-F/NEC-38**
Shelf/Slope Front South of Nantucket Shoals and Georges Bank as Delineated by Satellite Infrared Imagery and Shipboard Hydrographic and Plankton Observations,
PB85-221083 **21**-*547,878* PC **A03**/MF **A01**

**NOAA-TM-NMFS-F/NEC-39**
USA Historical Catch Data, 1904-82, for Major Georges Bank Fisheries.
PB85-233948 **23**-*552,238* PC **A03**/MF **A01**

**NOAA-TM-NMFS-F/NEC-40**
Indexing the Economic Health of the U.S. Fishing Industry's Harvesting Sector.
PB85-217958 **20**-*544,777* PC **A03**/MF **A01**

**NOAA-TM-NMFS-F/NEC-41**
Calculation of Standing Stocks and Energetic Requirements of the Cetaceans of the Northeast United States Outer Continental Shelf.
PB85-239937 **26**-*560,552* PC **A06**/MF **A01**

**NOAA-TM-NMFS-F/NWC-59**
Studies of the Distribution and Abundance of Juvenile Groundfish in the Northwestern Gulf of Alaska, 1980-82. Part 1. Three Year Comparisons.
PB85-108538 **02**-*503,264* PC **A06**/MF **A01**

**NOAA-TM-NMFS-F/NWC-60**
Lectures on the Economics of Fisheries Production.
PB85-106631 **01**-*500,611* PC **A06**/MF **A01**

**NOAA-TM-NMFS-F/NWC-61**
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PB85-108546 **01**-*501,150* PC **A03**/MF **A01**

**NOAA-TM-NMFS-F/NWC-62**
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PB85-185494 **16**-*535,672* PC **A04**/MF **A01**

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PB85-185510 **17**-*537,752* PC **A03**/MF **A01**

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PB85-111359 **02**-*502,960* PC **A08**/MF **A01**

**NOAA-TM-NWS-WR-186**
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PB85-109635 **02**-*502,949* PC **A03**/MF **A01**

**NOAA-TM-NWS-WR-187**
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PB85-132694 **05**-*510,721* PC **A03**/MF **A01**

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PB85-112951 **02**-*502,966* PC **A04**/MF **A01**

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**NOAA-TR-NMFS-CIRC-419**
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**NOAA-TR-NMFS-SSRF-783**
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PB85-138311 **06**-*513,342* PC **A04**/MF **A01**

**NOAA-TR-NMFS-18**
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**NOAA-TR-NMFS-19**
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**NOAA-TR-NMFS-25**
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**NOAA-TR-NMFS-29**
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PB85-191526 **17**-*537,755* PC **A02**/MF **A01**

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PB85-233427 **23**-*552,597* PC **A04**/MF **A01**

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PB85-108520 **02**-*503,651* PC **A06**/MF **A01**

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PB85-198802 **18**-*540,474* PC **A02**/MF **A01**

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PB85-234383 **23**-*553,242* PC **A02**/MF **A01**

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**NORDA-91**
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AD-A146 417/1 **01**-*501,308* PC **A03**/MF **A01**

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AD-A146 471/8 **01**-*500,176* PC **A04**/MF **A01**

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AD-A146 528/5 **01**-*500,178* PC **A04**/MF **A01**

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**NOSC/TR-988**
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AD-A149 697/5 **09**-*518,750* PC **A04**/MF **A01**

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AD-A147 257/0 **03**-*505,735* PC **A03**/MF **A01**

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AD-A147 404/8 **03**-*506,055* PC **A03**/MF **A01**

**NOSC/TR-995**
IMPULSE: A Code for High-Resolution Impulse Response Functions in Range-Dependent Ducts.
AD-A152 166/5 **13**-*529,913* PC **A05**/MF **A01**

**NOSC/TR-1002**
Sound Propagation through Directional Internal Wave Fields.
AD-A151 168/2 **12**-*526,743* PC **A02**/MF **A01**

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AD-A150 463/8 **10**-*521,446* PC **A05**/MF **A01**

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**NOSC/TR-1046**

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AD-A158 946/4 **25**-*558.024* PC **A14**/MF **A01**

**NOTA-INTERNA-796**

Frattali: Dai Fiocchi di Neve Agli Ammassi di Galassie (Passando Per l'IBM) (Fractals: From Snow Flakes to Galactic Clusters).
N85-11918/8 **04**-*509.523* PC **A03**/MF **A01**

**NOTA-INTERNA-797**

L'Identificazione Dei Criteri di Scelta Della Communita' Degli Scienziati Nella Storiografia E Nella Ricerca Scientifica: Il Caso Della Meccanica Quantistica (The Identification of the Scientific Community's Choice Criteria in the History of Scientific Research: The Case of Quantum Mechanics).
N85-11893/3 **04**-*508,208* PC **A03**/MF **A01**

**NOTA-INTERNA-799**

Determinazione Dello Stato di Conservazione di Prodotti Agricoli a Lunga Conservazione Tramite Sensori Capacitivi (Determination of the Conservation State of Long Conservation Agricultural Products by Means of Capacitive Sensors).
N85-11447/8 **04**-*508,590* PC **A02**/MF **A01**

**NOTA-INTERNA-801**

Analysis of the Frascati and Geneva Gravitational Wave Antenna Background Exhibiting the One Half Sideral Day Period.
N85-11283/7 **04**-*510,350* PC **A03**/MF **A01**

**NOTA-INTERNA-802**

Boundary Condition Effects in the Energy Loss Spectrum of Layered Systems.
N85-11887/5 **04**-*510,400* PC **A03**/MF **A01**

**NOTA-INTERNA-803**

Electron Energy Loss Investigation of the Electronic and Structural Properties of Palladium.
N85-11888/3 **04**-*510,401* PC **A03**/MF **A01**

**NOTA-INTERNA-807**

Performance o' a Large Area Flash Chamber Prototype.
N85-11338/9 **04**-*510,313* PC **A03**/MF **A01**

**NOTA-INTERNA-809**

Alcune Considerazioni Sul Sistema di Calibrazione Capacitivo, Utilizzato Per l'Antenna Criogenica di 2,3 Ton al Cern (Some Considerations on the Capacitive Calibration Used for the 2.3 Ton Cryogenic Antenna at Cern).
N85-11284/5 **04**-*510,351* PC **A02**/MF **A01**

**NOTA-INTERNA-810**

Results on Weak Current from Charm Collaboration.
N85-11817/2 **04**-*510,314* PC **A02**/MF **A01**

**NOTA-INTERNA-811**

Reflection Electron Energy Loss Investigation of the H-GaAs(110) Surface.
N85-11889/1 **04**-*510,402* PC **A02**/MF **A01**

**NOTA-INTERNA-812**

Sensitivity Improvement of a Two-Mode Gravitational Radiation Detector Through the Use of a Transducer Not Perfectly Tuned to the Antenna.
N85-11285/2 **04**-*510,352* PC **A02**/MF **A01**

**NOTA-INTERNA-813**

Dynamics of Symmetry Breaking: Phase Coherence in Finite and Random Systems.
N85-11658/0 **04**-*510,353* PC **A02**/MF **A01**

**NOTA-INTERNA-814**

Study for a Large Area Underground Detector Made with Organic Scintillators for Searching for Magnetic Monopoles.
N85-11339/7 **04**-*510,016* PC **A03**/MF **A01**

**NOTA-INTERNA-815**

Interactions in Localization.
N85-11818/0 **04**-*510,397* PC **A02**/MF **A01**

**NOTA-INTERNA-816**

Electrons in a Disordered Medium.
N85-11819/8 **04**-*510,398* PC **A03**/MF **A01**

**NOTA-INTERNA-817**

Constraints to the Radiative Lifetime of a Light Neutral Fermion in the Galactic Halo from Iue.
N85-11820/6 **04**-*508,022* PC **A02**/MF **A01**

**NOTA-INTERNA-818**

Misure di Inclinazione Del Suolo: Primo Risultati Dell'Analisi Comparata Delle Risposte Ottenute DA Due Diversi Inclinometri (Soil Tilt Measurement: First Results of the Comparative Analysis of the Response of Two Different Tiltmeters).
N85-11494/0 **04**-*509,028* PC **A03**/MF **A01**

**NOTA-INTERNA-819**

Equipartition Threshold in Nonlinear Large Hamiltonian Systems: The Fermi-Pasta-Ulam Model.
N85-11670/5 **04**-*510,410* PC **A03**/MF **A01**

**NOTA-INTERNA-821**

Underground Search for Massive Slow Particles (Hunting Grand Unified Theory (GUT) Monopoles).
N85-11894/1 **04**-*510,315* PC **A02**/MF **A01**

**NOTA-INTERNA-822**

O. F. Mosotti E la Fisica Molecolare (O. F. Mossotti and the Physics of Molecules).
N85-24931/6 **17**-*537,700* PC **A03**/MF **A01**

**NOTA-INTERNA-823**

L'Esperienza di Beatrice E Il Concetto di Luninanza in Dante (The Beatrice Experiment and the Luminance Concept in Dante).
N85-11831/3 **04**-*510,232* PC **A02**/MF **A01**

**NOTA-INTERNA-824**

Renormalization Theory in Four Dimensional Scalar Fields.
N85-11895/8 **04**-*510,354* PC **A07**/MF **A01**

**NOTA-INTERNA-825**

Anomalon Search.
N85-11970/9 **04**-*508,034* PC **A02**/MF **A01**

**NOTA-INTERNA-826**

Possible Digital Circuit Able to Recognize Magnetic Monopoles Crossing a Thick Scintillator Counter.
N85-29173/0 **21**-*548,858* PC **A02**/MF **A01**

**NOTA-INTERNA-827**

Study for a Large Area Acrylic Scintillator Detector.
N85-29174/8 **21**-*548,859* PC **A02**/MF **A01**

**NOTA-INTERNA-828**

Measurement of the Attenuation Length of an Acrylic Scintillator.
N85-29175/5 **21**-*548,860* PC **A02**/MF **A01**

**NOTA-INTERNA-829**

Field Theory of the Metal-Insulator Transitions in Restricted Symmetries.
N85-29826/3 **21**-*549,171* PC **A02**/MF **A01**

**NOTA-INTERNA-830**

Screening Phase Transitions in Two-Dimensional Coulomb Gas.
N85-29798/4 **21**-*549,131* PC **A03**/MF **A01**

**NOTA-INTERNA-831**

Fast Electromagnetic (Em) Shower Simulation.
N85-29683/8 **21**-*549,118* PC **A02**/MF **A01**

**NOTA-INTERNA-832**

Spatial Correlations in the Decay from an Unstable State in the Malthus Verhulst Model.
N85-29280/3 **21**-*549,034* PC **A02**/MF **A01**

**NOTA-INTERNA-833**

Numerical Simulation of the Transient by the Unstable State in a Lotka-Volterra Model.
N85-29684/6 **21**-*548,234* PC **A03**/MF **A01**

**NOTA-INTERNA-834**

La Conservazione E l'USO Della Documentatazione Riguardante la Ricerca Scientifica: Aspetti Practici E Organizzativi (The Conservation and Utilization of Scientific Research Documents: Practical Aspects and Organization).
N85-25008/2 **17**-*537,210* PC **A03**/MF **A01**

**NOTA-INTERNA-835**

Early Study of Muons and Muon Decay.
N85-29742/2 **21**-*549,119* PC **A02**/MF **A01**

**NOTA-INTERNA-836**

Some Features of the Interplanetary Medium during Forbush Decreases.
N85-29866/9 **21**-*547,244* PC **A02**/MF **A01**

**NOTA-INTERNA-837**

Possibility of Observing Solar Neutron Events in the Lower Atmosphere.
N85-29908/9 **21**-*547,250* PC **A02**/MF **A01**

**NOTA-INTERNA-838**

Experimental Performance of a Digital Circuit Able to Recognize Magnetic Monopole Events.
N85-29176/3 **21**-*548,861* PC **A03**/MF **A01**

**NOTA-INTERNA-840**

Contesto Della Scoperta E Contesto Della Convalida: Le Proposte von Neumann E di Wiener Nello Sviluppo Della Fisica Del '900 (Discovery Refutation and Verification Refutation: The Proposals of von Neumann and Wiener in the Development of 20TH Century Physics)
N85-24993/6 **17**-*539,446* PC **A03**/MF **A01**

**NOTA-INTERNA-841**

Topics in Intermediate Vector Boson Physics.
N85-29743/0 **21**-*549,120* PC **A05**/MF **A01**

**NOTE D'INFORMATION TECHNIQUE-154**

Recommandations pour l'Utilisation des Tubes en Cuivre pour la Distribution d'eau Sanitaire Chaude et Froide (Recommendations for the Use of Copper Tubing for the Distribution of Domestic Cold and Hot Water).
PB85-140531 **06**-*513,874* PC **E03**/MF **E03**

**NOTE D'INFORMATION TECHNIQUE-155**

Estimation des Besoins Nets en Energie pour le Chauffage des Batiments (Estimation of the Net Energy Needs for Building Heating).
PB85-182459 **15**-*534,156* PC **E04**/MF **E04**

**NOTE D'INFORMATION TECHNIQUE-157**

Comptes Annuels Abreges pour les Petites et Moyennes Entreprises (Abbreviated Annual Accounts for Small Firms).
PB85-228740 **22**-*549,563* PC **E04**/MF **E04**

**NOTE TECHNIQUE-84-02**

Comparaison de Differentes Methodes de Singularites pour le Calcul des Ecoulements Internes en Tridimensionnel (Comparison of the Different Singularity Methods for Calculation of Internal Three Dimensional Flows).
PB85-157147 **10**-*520,949* PC **E04**/MF **E04**

**NOTE TECHNIQUE-84-03**

Calcul des Ecoulements Internes Decolles et de l'Interaction Choc-Couche Limite pour Couplage Visqueux Non Visqueux (Calculation of Separated Internal Flows and of the Interaction Shock-Boundary Layer for Viscous/Non-Viscous Coupling).
PB85-156586 **10**-*522,951* PC **E04**/MF **E04**

**NOTE TECHNIQUE-84-06**

Methode Experimentale d'Etude des Ecoulements de Coin (Experimental Method of Studying Corner Flow).
PB85-157212 **10**-*522,956* PC **E04**/MF **E04**

**NOTE TECHNIQUE-84-12**

Simulations Numeriques d'Ecoulements Fluides Visqueux dans les Entrees d'Air a Grande Incidence (Numerical Simulations of Viscous Fluid Flows in Air Inlets at High Incidence).
PB85-157881 **10**-*522,958* PC **E04**/MF **E04**

**NOTE TECHNIQUE-84-16**

Aspects Specifiques des Ecoulements dans les Cylindres de Moteurs Alternatifs (Specific Aspects of Flow in the Cylinders of Reciprocating Engines).
PB85-157220 **10**-*522,957* PC **E04**/MF **E04**

**NOTE TECHNIQUE-84-20**

Etude de l'Ecoulement dans un Faisceau 19 Aiguilles Modelisant un Assemblage du Coeur d'un Reacteur a Neutrons Rapides (Study of Flow in a 19-Pin Beam, Representing Assembly of a Reactor Core with Fast Neutrons).
PB85-157238 **10**-*522,839* PC **E04**/MF **E04**

**NP-24419**

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NP-24419 **01**-*502,709* PC **A03**/MF **A01**

**NP-24992**

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NP-24992 **01**-*501,699* PC **A18**/MF **A01**

**NP-2900710**

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DE82900710 **24**-*555,643* PC **A05**/MF **A01**

**NP-2901416**

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DE82901416 **24**-*557,087* PC **A09**/MF **A01**

**NP-2901508**

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DE82901508 **02**-*503,869* MF **A01**

**NP-2902385**

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DE82902385 **01**-*502,666* PC **A06**/MF **A01**

**NP-2902398**

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DE82902398 **24**-*555,605* PC **A06**/MF **A01**

**NP-2902414**

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DE82902414 **24**-*554,671* PC **A03**/MF **A01**

**NP-2904748**

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DE82904748 **01**-*501,201* PC **A07**/MF **A01**

**NP-2904749**

Experimental Investigation of the Behaviour of Lead Batteries Driving Mine Locomotives and Other Vehicles in Case of Discharge with Direct and Pulsed Currents.
DE82904749 **01**-*501,485* PC **A07**/MF **A01**

**NP-2904751**

Measurement and Calculation of Heat Transfer from a Heating Tube to a Fluidized Bed of Coal in Steam and Inert Gas.
DE82904751 **01**-*502,667* PC **A08**/MF **A01**

**NP-2904752**

Pyrolysis and Hydrogasification of Hard Coal and Coke in Packed Beds.
DE82904752 **01**-*[illegible],668* PC **A09**/MF **A01**

**NP-2904753**

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**NP-4750536**

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DE84750537 **04**-*508,922* PC **A04**/MF **A01**

**NP-4750538**
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DE84750538 **02**-*503,707* PC **A03**/MF **A01**

**NP-4750539**
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**NP-4750540**
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DE84750540 **04**-*508,974* PC **A03**

**NP-4750541**
Chalk Project. Oil- and Gas Containing Chalk Reservoirs in the Danish Part of the Central Graben. Pt. 5 G. I-1 "KALKPLOT". Cross-Plots of LOG- and Core Data from the Chalk Group.
DE84750541 **02**-*503,708* PC **A04**/MF **A01**

**NP-4750542**
Chalk Project. Oil- and Gas Containing Chalk Reservoirs in the Danish Part of the Central Graben. Pt. 5 H. N-2 KALKPLOT. Cross-Plots of LOG- and Core Data from the Chalk Group.
DE84750542 **02**-*503,709* PC **A04**/MF **A01**

**NP-4750543**
Chalk Project. Oil- and Gas Containing Chalk Reservoirs in the Danish Part of the Central Graben. Pt. 5 I. O-1 KALKPLOT. Cross-Plots of Log- and Core Data from the Chalk Group.
DE84750543 **04**-*508,975* PC **A03**

**NP-4750544**
Chalk Project. Oil- and Gas Containing Chalk Reservoirs in the Danish Part of the Central Graben. Pt. 5 J. P-1 KALKPLOT. Cross-Plots of LOG- and Core Data from the Chalk Group.
DE84750544 **03**-*506,008* PC **A03**/MF **A01**

**NP-4750545**
Chalk Project. Oil- and Gas Containing Chalk Reservoirs in the Danish Part of the Central Graben. Pt. 5 K. Q-1 KALKPLOT. Cross-Plots of Log- and Core Data from the Chalk Group.
DE84750545 **04**-*508,976* PC **A03**

**NP-4750546**
Chalk Project. Oil- and Gas Containing Chalk Reservoirs in the Danish Part of the Central Graben. Pt. 5 L. RUTH-1 KALKPLOT. Cross-Plots of Log- and Core Data from the Chalk Group.
DE84750546 **04**-*508,977* PC **A04**

**NP-4750547**
Chalk Project. Oil- and Gas Containing Chalk Reservoirs in the Danish Part of the Central Graben. Pt. 5 M. T-1 KALKPLOT. Cross-Plots of LOG- and Core Data from the Chalk Group.
DE84750547 **04**-*508,924* PC **A04**/MF **A01**

**NP-4750548**
Chalk Project. Oil- and Gas Containing Chalk Reservoirs in the Danish Part of the Central Graben. Pt. 5 N. U-1 KALKPLOT. Cross-Plots of LOG- and Core Data from the Chalk Group.
DE84750548 **02**-*503,710* PC **A03**/MF **A01**

**NP-4750549**
Chalk Project. Oil- and Gas Containing Chalk Reservoirs in the Danish Part of the Central Graben. Pt. 5 O. V-1 KALKPLOT. Cross-Plots of Log- and Core Data from the Chalk Group.
DE84750549 **04**-*508,978* PC **A03**

**NP-4750550**
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DE84750550 **02**-*503,711* PC **A02**/MF **A01**

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DE84750551 **02**-*503,712* PC **A03**/MF **A01**

**NP-4750554**
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DE84750554 **04**-*509,286* PC **A03**/MF **A01**

**NP-4750555**
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DE84750557 **09**-*519,009* PC **A07**/MF **A01**

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DE84750558 **04**-*508,925* PC **A08**/MF **A01**

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**NP-4770378**
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**NP-4770379**
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**NP-4770380**
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DE84770434 **03**-*507,828* PC **A06**/MF **A01**

**NP-4770435**
Simulation of Trace-Element Distributions in the Atmosphere with the Aid of One- and Two-Dimensional Model Calculations.
DE84770435 **01**-*501,062* PC **A07**/MF **A01**

**NP-4770436**
Investigations of the Possibilities of Waste Heat Utilization in Inductive Forging Plants.
DE84770436 **04**-*509,226* PC **A05**/MF **A01**

**NP-4770437**
Photochemical Decomposition of Water.
DE84770437 **01**-*502,703* PC **A09**/MF **A01**

**NP-4770438**
Turbulent Step Flow in Flat Channels and Open Troughs.
DE84770438 **01**-*502,378* PC **A06**/MF **A01**

**NP-4770439**
Utilization of Solar Energy in State-Owned Buildings in Berlin.
DE84770439 **04**-*509,558* PC **A08**/MF **A01**

**NP-4770440**
Emissions and Decreasing Measures at the Charge Side of the Coke Oven Plant.
DE84770440 **01**-*502,704* PC **A02**/MF **A01**

**NP-4770441**
Dust Emissions from Surface Mining Plants and Measures for the Emission Decrease.
DE84770441 **01**-*502,705* PC **A02**/MF **A01**

**NP-4770442**
Dimensioning and Maintenance of Covery Machines with Respect to the Improvement of the Availability.
DE84770442 **01**-*502,706* PC **A02**/MF **A01**

**NP-4770443**
Clearing and Covering of a Fiery Spoil Heap.
DE84770443 **01**-*501,206* PC **A02**/MF **A01**

**NP-4770444**
Dewatering of Coal Fines with Vacuum Belt Filter Installations.
DE84770444 **01**-*502,707* PC **A02**/MF **A01**

**NP-4770445**
Experiences with the Control of Face Machinery Materials from the Surface.
DE84770445 **01**-*501,207* PC **A02**/MF **A01**

**NP-4770446**
Directions on the Application of REFA Methods of the Working Study in Mining.
DE84770446 **01**-*501,208* PC **A02**/MF **A01**

**NP-4770447**
Computerized Simulation of Periodic Absorption Heat Pumps.
DE84770447 **01**-*501,697* PC **A07**/MF **A01**

**NP-4770456**
Determination of the Thermodynamic Properties of Aqueous and Methylalcoholic Salt Solutions.
DE84770456 **02**-*503,589* PC **A07**/MF **A01**

**NP-4770457**
Comparative Investigations on the Lead Content of Human Bones from Prehistoric and Historical Times from Bavaria and Peru.
DE84770457 **02**-*503,473* PC **A05**/MF **A01**

**NP-4770458**
Adsorption Measurements for Determining Texture and Distribution of Components on the Surface of Ni-MgO-Al sub 2 O sub 3 Catalysts Used in the Methanization of Carbon Monoxide.
DE84770458 **02**-*505,203* PC **A10**/MF **A01**

**NP-4770459**
Studies on Cascade Impactors.
DE84770459 **02**-*504,312* PC **A09**/MF **A01**

**NP-4770460**
Studies on the Formation of Higher Molecular Hydrocarbons in Burner-Stabilized Flames of Different Fuels and Mixtures.
DE84770460 **02**-*505,125* PC **A09**/MF **A01**

**NP-4770461**
Experimental Investigation on the Effects of Noise over Several Weeks on the Learning Behaviour and the Mental Performance.
DE84770461 **02**-*503,459* PC **A04**/MF **A01**

**NP-4770462**
Concentration of Heavy Metals in Human Hair as a Function of an Industrial Lead Exposure.
DE84770462 **02**-*503,474* PC **A05**/MF **A01**

**NP-4770463**
Petrological Analysis of Brown Coal as a Basis for Assessing Its Value as Chemical Feedstock.
DE84770463 **02**-*505,204* PC **A07**/MF **A01**

**NP-4770464**
Non-Linear Behaviour of the Geometrical and Material Properties of Isotropic Sheets with Reinforced Boundaries Used for Wall Structures.
DE84770464 **02**-*504,365* PC **A08**/MF **A01**

**NP-4770465**
Simulation of in-Situ Gasification Using Compact Coal Blocks and Packed Beds of Coal under Steady Pressure and Alternating Pressure.
DE84770465 **02**-*505,205* PC **A07**/MF **A01**

**NP-4770466**
Therapeutic and Prophylactic Importance of Lead Mobilizations in Stimulating Climate and Their Physiological Gases.
DE84770466 **02**-*503,475* PC **A05**/MF **A01**

**NP-4770467**
Studies on Hydrocarbon Genesis in Clay Stones of the Upper Jurassic delta (Pliensbachium) in the North West German Basin, with Particular Regard to the Influence of the Hot Intrusive Masses of Bramsche and Vlotho.
DE84770467 **03**-*505,949* PC **A13**/MF **A01**

**NP-4770468**
Consequences of Decreasing Petroleum Consumption.
DE84770468 **02**-*505,206* PC **A02**/MF **A01**

**NP-4770469**
Energy Programme for the Saarland from 30th August 1983.
DE84770469 **02**-*503,926* PC **A07**/MF **A01**

**NP-4770470**
CSSR - Energy Situation 1980/81.
DE84770470 **07**-*514,884* PC **A03**/MF **A01**

**NP-4770473**
Use of Novel Catalysts Founded on Basic-Fixed Hydride-Carbonyl Complexed for the Fischer-Tropsch Synthesis.
DE84770473 **05**-*512,558* PC **A09**/MF **A01**

**NP-4770474**
High Temperature Absorption Heat Pump.
DE84770474 **05**-*511,781* PC **A09**/MF **A01**

**NP-4770475**
Evaporation of R11/R113 Mixtures at a Horizontal Cylinder in Crossflow.
DE84770475 **05**-*511,222* PC **A10**/MF **A01**

**NP-4770476**
Analysis of the Technical and Energetical Operation Behavior of Cogeneration Plants.
DE84770476 **05**-*511,615* PC **A10**/MF **A01**

**NP-4770477**
Industrial Exhaust-Air Purification Employing the Process of Adsorption to Activated Carbon.
DE84770477 **07**-*515,085* PC **A02**/MF **A01**

**NP-4770478**
Combustion of Industrial Waste Gases, Residual and Waste Liquids and Fluids.
DE84770478 **07**-*514,986* PC **A02**/MF **A01**

**NP-4770480**
Digitalized Method of Graz.
DE84770480 **08**-*517,173* PC **A08**/MF **A01**

**NP-4770481**
Layout of Heating Units for Solar-Heated Gas Turbine Systems with Paraboloid Collectors.
DE84770481 **08**-*518,291* PC **A11**/MF **A01**

**NP-4770483**
Thermal Insulation of Buildings.
DE84770483 **05**-*511,933* PC **A04**/MF **A01**

**NP-4770484**
Influence of the Thermodynamic Assumptions on the Accuracy of Process Calculations in Internal Combustion Engines.
DE84770484 **08**-*518,297* PC **A05**/MF **A01**

**NP-4770485**
Studies on Three-Dimensional Flame Propagation and Flame Extinction in Internal Combustion Engines.
DE84770485 **08**-*518,298* PC **A07**/MF **A01**

**NP-4770486**
Flywheel Energy Storage Systems as Vehicle Drive Elements.
DE84770486 **07**-*514,951* PC **A09**/MF **A01**

**NP-4770487**
Indonesia - Energy Situation 1982/83.
DE84770487 **07**-*514,886* PC **A03**/MF **A01**

**NP-4770488**
Nigeria - Energy Situation 1982/83.
DE84770488 **07**-*514,887* PC **A02**/MF **A01**

**NP-4770490**
Reduction of Pollutant Emissions from Cogeneration Units.
DE84770490 **08**-*517,093* PC **A07**/MF **A01**

**NP-4770491**
Ocean Solar Heating.
DE84770491 **08**-*516,553* PC **A10**/MF **A01**

**NP-4770493**
Rotational Sound Development in Axial Turbomachinery and the Propagation in the Connected Tubing.
DE84770493 **07**-*514,888* PC **A07**/MF **A01**

**NP-4770494**
Calculations for Rupture Accidents in Gas Cooled Nuclear Reactor Plants.
DE84770494 **05**-*512,322* PC **A13**/MF **A01**

**NP-4770495**
Experimental Investigations on the Reaction Structure in Folded Pre-Mixed Flame Fronts.
DE84770495 **07**-*515,594* PC **A07**/MF **A01**

**NP-4770496**
Theoretical and Experimental Investigations on the Fluid-Structure-Interactions in an Oscillation Model of a Pressurized Water Reactor.
DE84770496 **07**-*515,435* PC **A06**/MF **A01**

**NP-4770497**
Flow Conditions and Mixing in an Enclosed Swirl Flow with Varying Cross-Section.
DE84770497 **06**-*513,910* PC **A08**/MF **A01**

**NP-4770498**
Noise Emission of Technical Diffusion Flames in Dependence of Mixing Parameters, Burner Dimensions and Air Preheating for Fuel Gases with Different Flame Velocities.
DE84770498 **07**-*515,595* PC **A07**/MF **A01**

**NP-4770499**
Influence of Recondensation on the Combined Heat and Mass Transfer in Evaporative Cooling.
DE84770499 **05**-*511,782* PC **A08**/MF **A01**

**NP-4770500**
Joint Venezuelan-German Feasibility Study: Integrated Production and Upgrading Including Energy Supply for Orinoco Heavy Oil. Pt. A.
DE84770500 **07**-*515,606* PC **A03**/MF **A01**

**NP-4770501**
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DE84770501 **05**-*511,783* PC **A08**/MF **A01**

**NP-4770505**
Some Environmental Aspects of Optimal Economic Growth.
DE84770505 **07**-*514,459* PC **A02**/MF **A01**

**NP-4770507**
Optimal Growth Policies for Resource-Dependent Open Economies.
DE84770507 **07**-*514,460* PC **A02**/MF **A01**

**NP-4770508**
Syria - Energy Situation 1982.
DE84770508 **07**-*514,890* PC **A02**/MF **A01**

**NP-4770509**
Survey of Energy Consumption in Switzerland in 1983.
DE84770509 **07**-*514,891* PC **A02**/MF **A01**

**NP-4770510**
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DE84770510 **05**-*511,689* PC **A09**/MF **A01**

**NP-4770511**
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DE84770511 **05**-*511,616* PC **A10**/MF **A01**

**NP-4770512**

Kinetics and Chemistry of Methane Formation in the Hydrogenation Gasification of Model Aromatic Compounds.
DE84770512 **08**-*518,214* PC **A09**/MF **A01**

**NP-4770513**

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DE84770513 **05**-*511,223* PC **A13**/MF **A01**

**NP-4770514**

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DE84770514 **07**-*514,892* PC **A03**/MF **A01**

**NP-4770515**

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DE84770515 **09**-*518,320* PC **A13**/MF **A01**

**NP-4770516**

Process-Included Topological Changes of Monocrystalline Silicon Plates.
DE84770516 **09**-*519,357* PC **A06**/MF **A01**

**NP-4770517**

Heat Transfer in a Closed Thermosyphon Tube Filled with Near Critical Fluid.
DE84770517 **09**-*520,749* PC **A07**/MF **A01**

**NP-4770518**

Water Electrolysis Using Hybrid Cyclic Processes.
DE84770518 **08**-*518,215* PC **A07**/MF **A01**

**NP-4770519**

Phase Equilibria in Aluminium-Lithium-Magnesium Alloys at 200 degrees C, 300 degrees C and 400 degrees C and Their Hardening in a Casting State.
DE84770519 **08**-*516,869* PC **A05**/MF **A01**

**NP-4770520**

Development of a Melting Apparatus for Lithium-Containig Magnesium-Aluminium Alloys and Its Application in Thermal Analysis.
DE84770520 **08**-*516,870* PC **A05**/MF **A01**

**NP-4770521**

Contribution to the Description of the Electrical Behaviour of Lead, Nickel-Cadmium, and Nickel-Iron Accumulators.
DE84770521 **09**-*519,332* PC **A11**/MF **A01**

**NP-4770522**

Theoretical and Experimental Studies on the Limits of Capacity of the Thermal Reactor in after-Treatment of Exhaust Gases.
DE84770522 **09**-*519,624* PC **A06**/MF **A01**

**NP-4770523**

Influence of Particles in Diesel Engine Exhaust Gas During Cooling and Mixing with the Surrounding Air.
DE84770523 **09**-*519,625* PC **A08**/MF **A01**

**NP-4770524**

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DE84770524 **09**-*519,626* PC **A09**/MF **A01**

**NP-4770525**

Study of the Gas Phase Deposition of Silicon Carbide and Its Application for Impregnation of Reactively Bound Silicon Carbide and for the Manufacture of SiC/SiC Composites.
DE84770525 **09**-*519,367* PC **A07**/MF **A01**

**NP-4770526**

Static and Dynamic Strength of Gas Turbine Blade Material under Conditions of High Temperature Corrosion.
DE84770526 **09**-*520,908* PC **A07**/MF **A01**

**NP-4770527**

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DE84770527 **08**-*516,871* PC **A07**/MF **A01**

**NP-4770529**

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**NP-4770530**

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**NP-4770531**

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DE84770531 **09**-*520,916* PC **A11**/MF **A01**

**NP-4770532**

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DE84770532 **09**-*519,277* PC **A10**/MF **A01**

**NP-4900768**

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**NP-4901354**

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DE84901552 **15**-*533,705* PC **A13**/MF **A01**

**NP-4901563**

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**NP-4901590**

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DE84901590 **15**-*533,707* PC **A10**/MF **A01**

**NP-4901593**

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DE84901593 **16**-*535,938* PC **A04**/MF **A01**

**NP-4901601**

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DE84901601 **18**-*540,971* PC **A03**/MF **A01**

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**NP-4901622**

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DE84901628 **15**-*533,547* PC **A03**/MF **A01**

**NP-4901629**

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DE84901629 **19**-*543,567* PC **A03**/MF **A01**

**NP-4901631**

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**NP-4901765**

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**NP-5750149**

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**NP-5750152**

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**NP-5750378**

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**NP-5750388**

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DE85750388 **20**-*544,981* PC **A04**/MF **A01**

**NP-5750389**

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**NP-5750390**

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**NP-5750391**
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**NP-5750392**
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**NP-5750393**
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DE85750393 **20**-*545,635* PC **A05**/MF **A01**

**NP-5750394**
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**NP-5750400**
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**NP-5750417**
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DE85750417 **20**-*545,641* PC **A04**/MF **A01**

**NP-5750418**
Heat Recovery from Stables, 4.
DE85750418 **20**-*545,642* PC **A02**/MF **A01**

**NP-5750419**
Heat Recovery from Stables, 5.
DE85750419 **20**-*545,643* PC **A02**/MF **A01**

**NP-5750420**
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DE85750420 **20**-*544,982* PC **A03**/MF **A01**

**NP-5750421**
Combined Renewable Energy Systems. Economic Evaluation for Villages with Surroundings.
DE85750421 **20**-*545,307* PC **A04**/MF **A01**

**NP-5750426**
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DE85750426 **20**-*545,308* PC **A04**/MF **A01**

**NP-5750429**
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DE85750429 **20**-*547,106* PC **A05**/MF **A01**

**NP-5750433**
Plan for Basic Research in the Natural Sciences Related to the Petroleum Activities on the Continental Shelf.
DE85750433 **20**-*545,169* PC **A09**/MF **A01**

**NP-5750439**
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**NP-5750583**
Research and Development: Opportunities for Norwegian Industry. Petroleum Technologies for the 1980'S.
DE85750583 **15**-*535,204* PC **A05**/MF **A01**

**NP-5750798**
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DE85750798 **21**-*548,246* PC **A04**/MF **A01**

**NP-5750799**
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DE85750799 **22**-*550,318* PC **A04**/MF **A01**

**NP-5750806**
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**NP-5750808**
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DE85750808 **21**-*548,070* PC **A02**/MF **A01**

**NP-5750811**
Indian Areas Threatened by Hydroelectric Projects in Brazil.
DE85750811 **22**-*550,349* PC **A11**/MF **A01**

**NP-5750812**
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DE85750812 **22**-*550,136* PC **A02**/MF **A01**

**NP-5750832**
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DE85750832 **21**-*549,220* PC **A06**/MF **A01**

**NP-5750834**
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**NP-5750860**
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DE85750860 **21**-*548,043* PC **A05**/MF **A01**

**NP-5750892**
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**NP-5751664**
Long-Term Plan for Research Concerning Use of Biomass for Power Purposes.
DE85751664 **20**-*547,124* PC **A04**/MF **A01**

**NP-5751665**
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DE85751665 **21**-*547,861* PC **A04**/MF **A01**

**NP-5751666**
Study of Combined Collective Renewable Power Plants. Pt. 1. Summary. Conclusions. Recommendations.
DE85751666 **20**-*545,658* PC **A07**/MF **A01**

**NP-5751667**
Study of Combined Collective Renewable Power Plants. Pt. 2. Description of Supply Units. Solar Heating Plants. Wind Power Plants. Heat Pump Systems. Biogas Plants. Straw and Wood-Fueled Systems. District Heating. Heat Storage. Power Distribution. Control and Management.
DE85751667 **20**-*545,659* PC **A11**/MF **A01**

**NP-5751668**
Study of Combined Collective Renewable Power Plants. Pt. 3. Description of Heat Producing Plants. Systems Combinations. Straw-Fueled Boiler/Solar Heating. Straw-Fueled Boiler/Biogas. Straw-Fueled Boiler/Heat Pump. Heat Pump/Solar Heating. Heat Pump/Biogas.
DE85751668 **20**-*545,660* PC **A10**/MF **A01**

**NP-5751669**
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DE85751669 **20**-*545,661* PC **A09**/MF **A01**

**NP-5751670**
Study of Combined Collective Renewable Power Plants. Pt. 5. Organization, Financing, Accounting.
DE85751670 **20**-*545,662* PC **A09**/MF **A01**

**NP-5751674**
Calibration of Heat Meters.
DE85751674 **21**-*548,266* PC **A03**/MF **A01**

**NP-5751675**
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DE85751675 **20**-*546,479* PC **A05**/MF **A01**

**NP-5751676**
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**NP-5751677**
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**NP-5751682**
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**NP-5751684**
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DE85751684 **20**-*545,419* PC **A05**/MF **A01**

**NP-5751685**
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**NP-5751686**
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DE85751686 **20**-*545,664* PC **A06**/MF **A01**

**NP-5752494**
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DE85752494 **26**-*562,037* PC **A05**/MF **A01**

**NP-5752495**
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DE85752495 **26**-*560,795* PC **A10**/MF **A01**

**NP-5752501**
Energy Consumption in the Primary Agricultural Sector in 1982/1983. The Present Situation and Prospects.
DE85752501 **26**-*560,796* PC **A05**/MF **A01**

**NP-5770001**
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DE85770001 **11**-*524,109* PC **A03**/MF **A01**

**NP-5770003**
Investigation of the Sound Propagation Depending on the Form, Cross-Section and the Support of the Roadway.
DE85770003 **09**-*519,027* PC **A02**/MF **A01**

**NP-5770004**
Economic Aspects of Biogas Production in Agriculture.
DE85770004 **20**-*547,128* PC **A09**/MF **A01**

**NP-5770005**
Analysis of Cis-Lunar Transportation System with Nonconventional Rocket Engines under Particular Consideration of the Life-Cycle Cost.
DE85770005 **20**-*547,180* PC **A11**/MF **A01**

**NP-5770006**
Effect of Blowing and Sucking of Permeable Walls on Flow with High Reynolds Numbers.
DE85770006 **09**-*520,207* PC **A08**/MF **A01**

**NP-5770007**
Contribution to Characterize Turbulent Shear Layers with Disturbed Turbulence Structure.
DE85770007 **09**-*520,208* PC **A07**/MF **A01**

**NP-5770008**
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DE85770008 **09**-*520,209* PC **A06**/MF **A01**

**NP-5770009**
Reliability Investigations of the Annual Planning of Power Plant Operation.
DE85770009 **09**-*519,307* PC **A07**/MF **A01**

**NP-5770010**
Experiments Performed in a Wet-Steam Turbine Plant Studying Droplet Formation and Growth with Expansion into the Two-Phase Area.
DE85770010 **09**-*519,236* PC **A07**/MF **A01**

**NP-5770012**
Optimum Control of Steam Powerstation Units. Taking Non-Stationary Thermal Stresses into Account.
DE85770012 **09**-*519,308* PC **A08**/MF **A01**

**NP-5770013**
Energy Consumption in Coal Mining and the Processing Industries 1970 Through 1982, by Administrative Districts.
DE85770013 **09**-*519,237* PC **A06**/MF **A01**

**NP-5770014**
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DE85770014 **08**-*518,274* PC **A07**/MF **A01**

**NP-5770015**
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DE85770015 **09**-*519,341* PC **A05**/MF **A01**

**NP-5770016**
Acceleration Behaviour of Utility Vehicle Diesel Engines with Turbocharging.
DE85770016 **09**-*520,918* PC **A11**/MF **A01**

**NP-5770017**
Optimum Adaptation of Terrestrial Solar Generators to Constant Voltage Systems with Storage.
DE85770017 **09**-*519,309* PC **A06**/MF **A01**

**NP-5770018**
Influence of Overlaying Tangential and Radial Coolant Injection on Film Cooling with a Tube Flow.
DE85770018 **09**-*519,532* PC **A08**/MF **A01**

**NP-5770020**
Three Dimensional Quasi-Stationary Measurement of the Relative Flow Field in the Blade Duct of a Slow Running Centrifugal Pump Rotor.
DE85770020 **09**-*519,756* PC **A08**/MF **A01**

**NP-5770021**
Investigation into Power Plant Reserves Required for Daily Operation.
DE85770021 **09**-*519,310* PC **A07**/MF **A01**

**NP-5770022**

Dynamic Simulation of Power Supply Systems.
DE85770022 **09**-*519,311* PC **A08**/MF **A01**

**NP-5770023**

Simulation and Profitability of Air-Collector Storage Systems for Solar-Aided Drying Exemplified by Tobacco.
DE85770023 **09**-*518,368* PC **A09**/MF **A01**

**NP-5770024**

Experimental and Numerical Studies on an Open Adsorption System for Solar Space-Cooling.
DE85770024 **09**-*519,533* PC **A05**/MF **A01**

**NP-5770025**

Economic Importance of Stochastic Reserve Demand in Powerstation Systems.
DE85770025 **09**-*519,312* PC **A07**/MF **A01**

**NP-5770026**

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**NP-5770027**

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DE85770027 **20**-*547,129* PC **A03**/MF **A01**

**NP-5770028**

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DE85770028 **20**-*545,728* PC **A06**/MF **A01**

**NP-5770029**

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**NP-5770030**

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DE85770030 **20**-*544,925* PC **A08**/MF **A01**

**NP-5770032**

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DE85770032 **20**-*547,130* PC **A03**/MF **A01**

**NP-5770035**

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DE85770035 **20**-*545,337* PC **A02**/MF **A01**

**NP-5770036**

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**NP-5770038**

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DE85770038 **20**-*545,338* PC **A02**/MF **A01**

**NP-5770042**

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DE85770042 **20**-*545,340* PC **A06**/MF **A01**

**NP-5770043**

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DE85770043 **20**-*545,427* PC **A05**/MF **A01**

**NP-5770044**

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DE85770044 **20**-*544,989* PC **A06**/MF **A01**

**NP-5770047**

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**NP-5770048**

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**NP-5770049**

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**NP-5770050**

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DE85770050 **20**-*547,023* PC **A06**/MF **A01**

**NP-5770051**

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**NP-5770052**

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DE85770052 **20**-*545,730* PC **A09**/MF **A01**

**NP-5770053**

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DE85770053 **20**-*544,883* PC **A11**/MF **A01**

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DE85770059 **20**-*545,342* PC **A02**/MF **A01**

**NP-5770060**

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DE85770060 **20**-*545,731* PC **A06**/MF **A01**

**NP-5770061**

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DE85770061 **20**-*547,163* PC **A05**/MF **A01**

**NP-5770062**

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DE85770062 **20**-*545,430* PC **A08**/MF **A01**

**NP-5770064**

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DE85770064 **20**-*545,702* PC **A09**/MF **A01**

**NP-5770065**

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DE85770065 **20**-*547,137* PC **A08**/MF **A01**

**NP-5770066**

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DE85770066 **20**-*547,164* PC **A07**/MF **A01**

**NP-5770067**

Contribution to the Determination of Transverse Movement of the Piston in High Speed Internal Combustion Engines.
DE85770067 **20**-*547,165* PC **A08**/MF **A01**

**NP-5770068**

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DE85770068 **20**-*544,512* PC **A08**/MF **A01**

**NP-5770069**

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DE85770069 **20**-*544,626* PC **A21**/MF **A01**

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DE85770076 **09**-*518,569* PC **A03**/MF **A01**

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**NP-5770079**

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DE85770079 **09**-*519,715* PC **A03**/MF **A01**

**NP-5770080**

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DE85770080 **09**-*519,238* PC **A11**/MF **A01**

**NP-5770081**

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DE85770081 **09**-*519,239* PC **A04**/MF **A01**

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DE85770088 **09**-*520,919* PC **A03**/MF **A01**

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DE85770089 **09**-*519,240* PC **A02**/MF **A01**

**NP-5770090**

Estimation of the Economic and Technical Consequences of a Further Reduction in the Permitted Noise Level of Vehicles (Cars and Lorries).
DE85770090 **09**-*519,716* PC **A03**/MF **A01**

**NP-5770093**

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DE85770093 **08**-*518,304* PC **A03**/MF **A01**

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DE85770094 **12**-*527,004* PC **A04**

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DE85770096 **08**-*518,276* PC **A06**/MF **A01**

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DE85770097 **12**-*527,005* PC **A09**/MF **A01**

**NP-5770098**

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DE85770098 **12**-*525,956* PC **A04**/MF **A01**

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DE85770099 **12**-*526,589* PC **A11**

**NP-5770100**

Effect of the Star Point and Brief 3 Phase Interruptions on the Reliability of Transmission on 110 KV Networks.
DE85770100 **14**-*531,795* PC **A08**/MF **A01**

**NP-5770102**

Three-Dimensional Non-Linear Magnetic Field Calculation for Synchronous Turbogenerators to Determine the Distribution of Loop Current in Twisted Bars.
DE85770102 **12**-*527,042* PC **A05**/MF **A01**

**NP-5770106**

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DE85770106 **09**-*519,644* PC **A14**/MF **A01**

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DE85770107 **08**-*516,496* PC **A10**/MF **A01**

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DE85770109 **09**-*519,241* PC **A08**/MF **A01**

**NP-5770110**

Studies on the Suitability of Wild Game as Biological Indicator for Detection of Environmental Contamination in Lower Saxony.
DE85770110 **09**-*518,403* PC **A08**/MF **A01**

**NP-5770111**

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DE85770111 **09**-*520,898* PC **A03**/MF **A01**

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More and More Gas Heat Pumps.
DE85770117 **12**-*527,231* PC **A02**/MF **A01**

**NP-5770118**

Research and Development in Berlin.
DE85770118 **12**-*526,069* PC **A04**/MF **A01**

**NP-5770119**

Evaluation of the Oxygen-Distribution in a Multi-Burner Firing System to Guide Burner Control.
DE85770119 **12**-*527,232* PC **A07**/MF **A01**

**NP-5770120**

Investigation of Dynamic Characteristics of Supercharged Fast Diesel Engines.
DE85770120 **12**-*528,249* PC **A09**/MF **A01**

**NP-5770121**

Concept of Novel Horizontally Integrated Energy Systems: The Case of Zero Emissions.
DE85770121 **12**-*527,006* PC **A03**/MF **A01**

**NP-5770122**

Chlorate Reduction in the Brine Circuit of a Chlor-Alkali Electrolysis.
DE85770122 **12**-*526,699* PC **A07**/MF **A01**

**NP-5770123**

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DE85770123 **12**-*527,233* PC **A06**/MF **A01**

**NP-5770124**

Studies on the Reaction Mechanism and Product Distribution of the Fischer-Tropsch Synthesis Process.
DE85770124 **12**-*526,620* PC **A08**/MF **A01**

**NP-5770125**
Strategies to Influence the Behaviour of Private Energy Consumers.
DE85770125 **14**-*531,748* PC **A13**/MF **A01**

**NP-5770126**
Photoelectrochemical Studies on Strontium Titanate Ceramics.
DE85770126 **12**-*526,700* PC **A19**/MF **A01**

**NP-5770127**
Problem of Halogen Elimination and Heavy Metal Analysis in Process Water Samples of the Novel Flue Gas Scrubber Unit of a Refuse-Fuelled Power Plant.
DE85770127 **12**-*527,272* PC **A11**/MF **A01**

**NP-5770128**
Production and Properties of Nickel Carrier Catalysts.
DE85770128 **12**-*526,621* PC **A08**/MF **A01**

**NP-5770129**
Methane Formation from Betaine with Trimethylamine as Intermediary.
DE85770129 **12**-*528,221* PC **A09**/MF **A01**

**NP-5770130**
Environmental Research and Environmental Technology.
DE85770130 **12**-*527,273* PC **A05**/MF **A01**

**NP-5770131**
Investigation of Dynamic Load of Turbine Blades in a Turbine Stage with Adjustable Guide Blades.
DE85770131 **12**-*527,007* PC **A09**/MF **A01**

**NP-5770132**
Saving Energy Through Heat Insulation of Grain Driers.
DE85770132 **12**-*525,936* PC **A03**/MF **A01**

**NP-5770133**
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DE85770133 **12**-*526,102* PC **A09**/MF **A01**

**NP-5770134**
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DE85770134 **12**-*527,008* PC **A04**/MF **A01**

**NP-5770135**
Adsorption Measurements for Texture Determination and Components Distribution on the Catalyst Surface of Ni-MgO-Al sub 2 O sub 3 for Carbon Monoxide Methanation.
DE85770135 **12**-*528,222* PC **A10**/MF **A01**

**NP-5770137**
New Instruments of Air Pollution Abatement Policy.
DE85770137 **12**-*527,274* PC **A07**/MF **A01**

**NP-5770142**
Studies on an Internal Combustion Engine with Divided Combustion Chamber.
DE85770142 **12**-*528,250* PC **A08**/MF **A01**

**NP-5770143**
Theoretical, Constructional and Experimental Investigation and Optimisation of an Injection System for Stratified-Charge Internal Combustion Engines.
DE85770143 **12**-*528,251* PC **A07**/MF **A01**

**NP-5770144**
Investigation of the Operating Characteristics of a Hydrogen-Fuelled Wankel Engine.
DE85770144 **12**-*528,252* PC **A09**/MF **A01**

**NP-5770145**
Contribution to the Experimental Determination of Piston and Piston Ring Friction in Internal Combustion Engines.
DE85770145 **12**-*528,253* PC **A07**/MF **A01**

**NP-5770146**
Using Reaction-Technical Models for Characterisation and Optimisation of Continuous Ethanol Production with Biomass Recirculation.
DE85770146 **12**-*528,223* PC **A12**/MF **A01**

**NP-5770147**
Hydropyrolysis of High-Boiling Model Hydrocarbons in Mixed Gas/Liquid Phase.
DE85770147 **12**-*528,224* PC **A08**/MF **A01**

**NP-5770149**
Technological Development and Its Impact on the Future Energy System. Appendix 2. Evaluation Commissioned by the Danish Ministry of Energy.
DE85770149 **14**-*531,749* PC **A16**/MF **A01**

**NP-5770150**
Passage of Charge Through the Boundary Layer TiO sub 2 -Electrolyte.
DE85770150 **09**-*518,932* PC **A08**/MF **A01**

**NP-5770151**
Final Report of the Research Program: 'Ionization and Flame Structure'.
DE85770151 **12**-*528,113* PC **A05**/MF **A01**

**NP-5770152**
Cost Functions for Production, Transport and Distribution of District Heat.
DE85770152 **14**-*531,976* PC **A05**/MF **A01**

**NP-5770153**
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DE85770153 **14**-*532,810* PC **A06**/MF **A01**

**NP-5770154**
Methods of Formaldehyde Measurement.
DE85770154 **12**-*526,701* PC **A06**/MF **A01**

**NP-5770155**
Mercury Contamination of Domestic Ungulate Game.
DE85770155 **14**-*531,419* PC **A09**/MF **A01**

**NP-5770156**
Heavy Metal Concentrations in Some Oyster Species of the Caribbean Coast of Columbia.
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**NP-5770157**
MIS Inversion Layer Solar Cells with Dielectric SiN.
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**NP-5770158**
Measurement of Velocity and Turbulence of Enclosed Diffusion Flames by Laser Doppler Anemometry.
DE85770158 **14**-*532,739* PC **A07**/MF **A01**

**NP-5770159**
Numerical Calculation of Three-Dimensional Frictionless and Frictional Flow in Turbomachinery.
DE85770159 **14**-*531,750* PC **A07**/MF **A01**

**NP-5770160**
Development and Test of a Wedge-Shaped Probe for Instationary Three-Dimensional Flow Measurements in Turbines.
DE85770160 **14**-*531,751* PC **A08**/MF **A01**

**NP-5770161**
Don't Forget the Energy.
DE85770161 **14**-*531,752* PC **A03**/MF **A01**

**NP-5770162**
Project Funding, a Financing Technique for New Mining Projects.
DE85770162 **14**-*531,592* PC **A09**/MF **A01**

**NP-5770163**
Special Centrifugal Pumps for the Water Cycle.
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**NP-5770164**
Processing of Crude Tar.
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**NP-5770165**
Techniques and Instruments for Methane Monitoring.
DE85770165 **12**-*528,226* PC **A02**/MF **A01**

**NP-5770166**
Acid Rain, Forest Damage.
DE85770166 **14**-*530,846* PC **A04**/MF **A01**

**NP-5770167**
New Developments in Man-Riding Systems.
DE85770167 **14**-*531,593* PC **A02**/MF **A01**

**NP-5770168**
Recent Findings in the EBV Coke Quenching Process.
DE85770168 **14**-*532,811* PC **A02**/MF **A01**

**NP-5770169**
Drainage of Bituminous Coal Sludges Using Suction Cell Rotary Filters.
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**NP-5770170**
Starting a Face from a Base Gallery.
DE85770170 **12**-*526,828* PC **A02**/MF **A01**

**NP-5770171**
Operating Experience with Low Shearer Loaders.
DE85770171 **12**-*526,829* PC **A02**/MF **A01**

**NP-5770172**
Backfilling.
DE85770172 **12**-*526,830* PC **A02**/MF **A01**

**NP-5770173**
Pneumatic Stowing Technology.
DE85770173 **12**-*526,831* PC **A02**/MF **A01**

**NP-5770174**
Comparison Between Scrapers and Selective Cut Heading Machines.
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**NP-5770175**
Experience with the Face and Classification.
DE85770175 **12**-*526,833* PC **A02**/MF **A01**

**NP-5770176**
Centralized Supply of Calcium Chloride Paste.
DE85770176 **12**-*526,834* PC **A02**/MF **A01**

**NP-5770177**
Convergence Forecasts and Roadway Support Planning.
DE85770177 **12**-*526,835* PC **A02**/MF **A01**

**NP-5770178**
Screening Machines for Material Which Is Difficult to Screen.
DE85770178 **12**-*528,227* PC **A02**/MF **A01**

**NP-5770180**
Reduction of Emissions with a Strong Smell.
DE85770180 **12**-*527,275* PC **A02**/MF **A01**

**NP-5770181**
Travelling Crabs with Friction Wheel and Gear Drive.
DE85770181 **12**-*526,836* PC **A02**/MF **A01**

**NP-5770182**
Developments in Stripping Winning in Inclined Seams.
DE85770182 **12**-*526,837* PC **A02**/MF **A01**

**NP-5770183**
Dying Forests.
DE85770183 **14**-*530,847* PC **A04**/MF **A01**

**NP-5770184**
New Tip Angle Junctions.
DE85770184 **12**-*526,838* PC **A02**/MF **A01**

**NP-5770185**
Exploration of the Zone in Front of the Face by Means of Horizontal Drilling.
DE85770185 **12**-*526,839* PC **A02**/MF **A01**

**NP-5770186**
Risk Assessment in Short-Term and Medium-Term Operations Planning.
DE85770186 **12**-*526,840* PC **A02**/MF **A01**

**NP-5770187**
Face Swinging Operation.
DE85770187 **12**-*526,841* PC **A02**/MF **A01**

**NP-5770188**
Experience with Multiple Drum Drives for Belt Conveyors.
DE85770188 **12**-*526,842* PC **A02**/MF **A01**

**NP-5770189**
Advancing the Roadway Scraper Chain Conveyor.
DE85770189 **12**-*526,843* PC **A02**/MF **A01**

**NP-5770190**
Central Loading Point with a Main Bunker and a Secondary Bunker.
DE85770190 **12**-*526,844* PC **A02**/MF **A01**

**NP-5770191**
Technological Development and Its Impact on the Future Energy System. Appendix 1. Evaluation Commissioned by the Danish Ministry of Energy.
DE85770191 **22**-*550,353* PC **A16**/MF **A01**

**NP-5770194**
Contribution to Life-Time Predictions of Gas Turbine Components under Cyclic Load.
DE85770194 **12**-*528,238* PC **A07**/MF **A01**

**NP-5770196**
Experience Gained with the Coordination of Heat Supply Planning and Urban Renewal Planning.
DE85770196 **19**-*543,102* PC **A04**/MF **A01**

**NP-5770197**
Space Know-How in Electrical Systems.
DE85770197 **20**-*545,431* PC **A02**/MF **A01**

**NP-5770198**
Gas-Filled Double Glazing.
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**NP-5770199**
Determination of Temperature and Heat Flow Conditions in a Hot-Water Underfloor Heating System in a Lightweight Construction Single-Family House.
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**NP-5770200**
Demonstration House Heated by Solar Energy.
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**NP-5770202**
Development Costs of Karlsruhe - the Results of Scenario Computations with Different Energy Prices.
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**NP-5770204**
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**NP-5770205**
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**NP-5770206**
Changing the Course of Mixture Preparation and Combustion in Diesel Engines by Increasing the Pressure Drop at the Injection Nozzle.
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**NP-5770207**
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**NP-5770208**
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**NP-5770209**
Development of a Light Scattering Technique for Particle Size Spectrometry.
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**NP-5770210**
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DE85770210 **20**-*547,167* PC **A09**/MF **A01**

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**NP-5770213**
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**NP-5770223**
Application of Temperature Dependent Computerized Control of Desorption for Catalyst Surface Characterization.
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**NP-5770224**
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**NP-5770233**
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**NP-5770240**
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**NP-5770242**
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**NP-5770245**
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**NP-5770249**
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**NP-5770250**
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**NP-5770251**
Investigations of the Formation of Nitrogen Oxides from Fuel Nitrogen when Treating Coke in Different Gas Media and at Different Temperature Steps.
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**NP-5770252**
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**NP-5770267**
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**NP-5770269**
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**NP-5770270**
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**NP-5770271**
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**NP-5770275**
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DE85770275 **18**-*539,701* PC **A03**/MF **A01**

**NP-5770276**
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DE85770276 **19**-*542,811* PC **A07**/MF **A01**

**NP-5770277**
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DE85770277 **21**-*549,228* PC **A07**/MF **A01**

**NP-5770278**
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**NP-5770279**
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**NP-5770280**
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**NP-5770281**
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**NP-5770282**
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**NP-5770283**
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**NP-5770292**
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**NP-5770293**
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**NP-5770294**
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**NP-5770295**
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DE85770295 **21**-*548,556* PC **A10**/MF **A01**

**NP-5770296**
Effects of Sulphur Dioxide on Plants with Special Reference to Biochemical and Physiological Responses.
DE85770296 **22**-*549,741* PC **A07**/MF **A01**

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**NP-5770301**
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**NP-5770305**
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**NP-5770307**
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DE85770307 **25**-*559,932* PC **A07**/MF **A01**

**NP-5770308**
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**NP-5770310**
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**NP-5770311**
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**NP-5770316**
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**NP-5770317**
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DE85770317 **25**-*559,937* PC **A05**/MF **A01**

**NP-5770318**
Determination of Performance-Dependent Machinery Rents in Black-Coal Mining Using Operational Data.
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**NP-5770321**
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**NP-5770325**
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DE85770325 **25**-*557,990* PC **A07**/MF **A01**

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DE85770326 **25**-*558,300* PC **A04**/MF **A01**

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DE85770328 **25**-*558,349* PC **A06**/MF **A01**

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**NRL-MR-5483**
Raman Sidescattering in Laser-Produced Plasmas.
AD-A148 905/3 **07**-*515,569* PC **A02**/MF **A01**
Raman Sidescattering in Laser-Produced Plasmas.
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**NRL-MR-5484**
Increased Hot-Electron Production at Quarter-Critical Density in Long-Scalelength, Laser-Plasma Interactions.
AD-A150 519/7 **10**-*523,046* PC **A02**/MF **A01**
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**NRL-MR-5488**
SIMM1 - A Linearized Particle Code.
AD-A148 627/3 **06**-*514,189* PC **A03**/MF **A01**

**NRL-MR-5490**
Survey of the State-of-the-Art of Miniature Cryocoolers for Superconductive Devices.
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**NRL-MR-5491**
2-D Simulations of the NRL (Naval Research Laboratory) Laser Experiment.
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**NRL-MR-5492**
Explosive Emission Cathode Plasmas in Intense Relativistic Electron Beam Diodes.
AD-A150 669/0 **11**-*525,385* PC **A10**/MF **A01**

**NRL-MR-5493**
Effect of the Choice or Response Matrix on Unfolded Bonner Sphere Spectra.
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**NRL-MR-5494**
Effects of Finite Current Channel Width on the Current Convective Instability.
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**NRL-MR-5497-PT-2**
Quantitative Determination of Compound Classes in Jet Turbine Fuels by High Performance Liquid Chromatography/Differential Refractive Index Detection. Part 2.
AD-A149 298/2 **08**-*516,373* PC **A02**/MF **A01**

**NRL-MR-5499**
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**NRL-MR-5502-REV**
Interface Specifications for SCR (Software Cost Reduction) (A-7E) Extended Computer Module. Revised.
AD-A149 948/2 **09**-*519,097* PC **A07**/MF **A01**

**NRL-MR-5503**
Rapid Electron Beam Accelerators (REBA-TRONS).
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**NRL-MR-5505**
HF (High Frequency) Communications Frequency-Management Procedure for Forecasting the Frequency of Optimum Transmission.
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**NRL-MR-5508**
Flashover Failures from Wet-Wire Arcing and Tracking.
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Effects of B, Ti and Ta Implantation on the Wear Resistance of Fe and Ni-Plated Fe.
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**NRL-MR-5515**
Current Distribution in a Plasma Erosion Opening Switch.
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**NRL-MR-5518**
Use of a High-Speed 12-Bit A/D Converter for Digital Sampling of Communication Signal Carriers.
AD-A150 578/3 **10**-*522,571* PC **A03**/MF **A01**

**NRL-MR-5519**
Automatic Speaker Recognition over Military Communication Systems. A Feasibility Evaluation.
AD-A151 165/8 **12**-*527,638* PC **A02**/MF **A01**

**NRL-MR-5520**
Fatigue Behavior of HY-130 Steel Weldments Containing Fabrication Discontinuities.
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**NRL-MR-5521**
Turbulent Wake of a Submerged Flat Plate.
AD-A153 776/0 **16**-*536,745* PC **A05**/MF **A01**

**NRL-MR-5523**
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**NRL-MR-5524**
Variability in Constant-Load-Amplitude Fatigue Crack Growth Rates in Marine Environments.
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**NRL-MR-5527**
Marine Corrosion.
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**NRL-MR-5528**
Charcoal Performance Under Accident Conditions in Light-Water Reactors.
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**NRL-MR-5529**
Infrared Halo Effects Around Ships.
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**NRL-MR-5530**
Surface Acoustic Wave Devices as Chemical Vapor Microsensors.
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**NRL-MR-5534**
Solid Neon Sources for Plasmas and X-Ray Lasers.
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Bistability, Basins of Attraction, and Predictability in a Forced Mass-Reaction Model.
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**NRL-MR-5539**
Mapping with QUASAT (QUAsar SATellite) Using Short Observation Times.
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**NRL-MR-5540**
Numerical Solution Technique for Multitemperature Plasma Hydrodynamics,
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**NRL-MR-5541**
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Automatic Speaker Recognition for Military Applications: Applications Survey and Operational Requirements.
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**NRL-MR-5552**
Low Frequency Instabilities Driven by an Ion Temperature Anisotropy.
AD-A154 902/1 **18**-*541,817* PC **A03**/MF **A01**

**NRL-MR-5553**
Early Time Coupling Studies Using a 1D Hybrid Code.
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**NRL-MR-5559**
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**NRL-MR-5560**
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AD-A154 942/7 **18**-*540,548* PC **A03**/MF **A01**

**NRL-MR-5561**
Projections of Plasma Cloud Structures and their Spectra.
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**NRL-MR-5564**
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**NRL-MR-5565**

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**NRL-MR-5569**

Hydrosynclastic Infundibulum.
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**NRL-MR-5570**

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**NRL-MR-5575**

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**NRL-8840**

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**NRL-8843**

Radar Frequency Selection Strategies.
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**NRL-8849**

Radar Echo Enhancement Using Surface Reflections.
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Ambiguity Function of Random Binary-Phase-Coded Waveforms,
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**NRL-8898**

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**NSMRL-1031**
Individual Differences in Chromatic Brightness Matching.
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**NSMRL-1032**
Guidelines for the Use of Color in SUBACS (Submarine Advanced Combat System) A Displays.
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**NSMRL-1036**
Relative Effectiveness of Red and White Light for Subsequent Dark-Adaptation.
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**NSMRL-1039**
Effect of Extreme Peripheral Light on Dark Adaptation.
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**NSMRL-1040**
Effect of Background/Foreground Color Coding on Detection in Acoustic Data Displays.
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**NSMRL-1041**
Effect of Set Size on Color Matching.
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AD-A158 161/0 **24**-*556,086* PC **A05**/MF **A01**

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Estimate of Sound Absorption due to Magnetoelastic Interactions.
AD-A148 216/5 **05**-*512,386* PC **A04**/MF **A01**

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Analog, Still without Fear.
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BOSS: A FORTRAN Code for a Relational Database Manager.
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AD-A158 012/5 **24**-*555,720* PC **A03**/MF **A01**

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AD-A157 203/1 **23**-*553,088* PC **A04**/MF **A01**

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PB85-108223 **01**-*502,006* PC **E07**/MF **E01**

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PB85-171544 **13**-*529,935* PC **A04**/MF **A01**

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PB85-216067 **21**-*548,017* PC **A02**/MF **A01**

**NTIA/REPORT-84/151**

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PB85-110666 **03**-*506,893* PC **A08**/MF **A01**

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**NTIA/REPORT-84/157**

Measurement Procedures for the Radar Spectrum Engineering Criteria.
PB85-119022 **04**-*509,937* PC **A06**/MF **A01**

**NTIA-REPORT-84-158**

Study of Factors Affecting an HF/VHF Direct Broadcasting Satellite Service,
PB85-120889 **04**-*509,938* PC **A07**/MF **A01**

**NTIA/REPORT-84/159**

Spectrum Resource Assessment of the 7125 - 8500 MHz Band.
PB85-127413 **05**-*512,169* PC **A09**/MF **A01**

**NTIA/REPORT-84/160**

Spectrum Resource Assessment of the 1530 - 1660.5 MHz Band.
PB85-125987 **05**-*512,167* PC **A04**/MF **A01**

**NTIA/REPORT-84/161**

Spectrum Resource Assessment of the Fixed and Mobile Services in the 947 - 17,700 MHz Band. Phase 1.
PB85-128288 **05**-*512,171* PC **A17**/MF **A01**

**NTIA/REPORT-84/162**

Spectrum Resource Assessment of the Aeronautical Mobile Service between 400 MHz and 17.7 GHz.
PB85-125995 **05**-*512,168* PC **A05**/MF **A01**

**NTIA/REPORT-84/163**

Polarization Angles of Linearly Polarized Antennas and Radio Waves in Satellite Communications,
PB85-131613 **05**-*512,172* PC **A03**/MF **A01**

**NTIA/SW/MT-85/001**

Ionospheric Communications Analysis and Prediction Program (IONCAP).
PB85-225084 **22**-*550,937* CP **T14**

**NTIA-84-140**

Global Maps of foF2 Derived from Observations and Theoretical Values.
AD-A145 866/0 **01**-*500,162* PC **A07**/MF **A01**

**NTIA-84-164**

Earth Station Antenna Sidelobe Characteristics,
PB85-164986 **11**-*524,301* PC **A04**/MF **A01**

**NTIA-84-165**

Handbook of Radio Wave Propagation Loss (100 - 10,000 MHz).
PB85-200012 **18**-*541,902* PC **A08**/MF **A01**

**NTIA-84/168**

Necessary Bandwidth and Spectral Properties of Digital Modulation.
PB85-185387 **16**-*536,517* PC **A04**/MF **A01**

**NTIA-84-169**

Some Further Aspects of the Influence of Raindrop-Size Distributions on Millimeter-Wave Propagation,
PB85-168334 **12**-*528,102* PC **A03**/MF **A01**

**NTIA-85-171**

Millimeter-Wave Propagation in Moist Air: Model versus Path Data,
AD-A156 040/8 **21**-*549,176* PC **A03**/MF **A01**

Millimeter-Wave Propagation in Moist Air: Model Versus Path Data,
PB85-208700 **19**-*544,319* PC **A04**/MF **A01**

**NTIA-85-172**

Summary of State Telephone Regulatory Data,
PB85-189934 **16**-*536,520* PC **A04**/MF **A01**

**NTIA-85-173**

Atmospheric Radio Noise: Worldwide Levels and Other Characteristics,
PB85-212942 **20**-*547,013* PC **A09**/MF **A01**

**NTIA-85/174**

Local Network Assessment,
PB85-217883 **22**-*550,935* PC **A07**/MF **A01**

**NTIA-85-175**

Spectrum Resource Assessment of the 1605-2000 kHz Band.
PB85-225076 **22**-*550,936* PC **A06**/MF **A01**

**NTIA-85-176**

Communication Probability for the U.S. Coast Guard Digital Selective Calling System in the North Atlantic.
PB85-245850 **26**-*561,343* PC **A10**/MF **A01**

**NTIA-85-177**

Study of Interference Fields in a Ducting Environment,
PB85-242998 **26**-*561,340* PC **A03**/MF **A01**

**NTIAC-84-1**

Ultrasonic Transducers, Performance Variability, Design, and Manufacturing Procedures.
AD-A148 575/4 **05**-*511,456* PC **A03**/MF **A01**

**NTIS/ANNI-84**

Government Reports Annual Index - 1984.
NTIS/ANNI-84 **11**-*523,467* PC**$420.00**

**NTIS/DF-85/001**

Directory of Computerized Data Files Tape.
PB85-101665 **03**-*505,470* CP **T02**

**NTIS/REPORT-84/170**

Standards in Process: Foundations and Profiles of ISDN (Integrated Services Digital Network) and OSI (Open Systems Interconnection) Studies,
PB85-165041 **08**-*517,379* PC **A12**/MF **A01**

**NTIS/SW/MT-85/001A**

User's Manual for Using MASON: A Frequency Response Program Which Handles a System of Transfer Functions Described by a Signal Flow Graph,
PB85-227106 **22**-*550,261* PC **A05**/MF **A01**

**NTP-83-020**

Toxicology and Carcinogenesis Studies of Propylene Oxide in F344/N Rats and B6C3F1 Mice (Inhalation Studies).
PB85-179653 **14**-*531,433* PC **A08**/MF **A01**

**NTP-83-22**

Toxicology and Carcinogenesis Studies of Telone 2: Technical-Grade 1,3-Dichloropropene (CAS No. 542-75-6) Containing 1.0% Epichlorohydrin as a Stabilizer) in F344/N Rats and B6C3F (sub 1) Mice (Gavage Studies).
PB85-230449 **25**-*557,856* PC **A08**/MF **A01**

**NTP-83-027**

Toxicology and Carcinogenesis Studies of Tris(2-Ethylhexyl)Phosphate (CAS No. 78-42-2) in F344/N Rats and B6C3F1 Mice (Gavage Studies).
PB85-171502 **13**-*528,885* PC **A08**/MF **A01**

**NTP-83-029**

Toxicology and Carcinogenesis Studies of 8-Hydroxyquinoline (CAS No. 148-24-3) in F344/N Rats and B6C3F1 Mice (Feed Studies).
PB85-213361 **20**-*544,907* PC **A08**/MF **A01**

**NTP-83-071**

Toxicology and Carcinogenesis Studies of 1,3-Butadiene (Cas No. 106-99-0) in B6C3F1 Mice (Inhalation Studies).
PB85-179646 **14**-*531,432* PC **A06**/MF **A01**

**NTP-84-158**

Caffeine: Reproduction and Fertility Assessment in CD-1 Mice When Administered in the Drinking Water.
PB85-101202 **01**-*500,910* PC **A10**/MF **A01**

**NTP-84-262**

Diethyl Phthalate: Reproduction and Fertility Assessment in CD-1 Mice When Administered in the Feed.
PB85-118636 **04**-*508,682* PC **A09**/MF **A01**

**NTP-84-263**

Dibromochloropropane: Reproduction and Fertility Assessment in CD-1 Mice When Administered by Gavage.
PB85-118644 **04**-*508,683* PC **A10**/MF **A01**

**NTP-84-264**

2-Ethoxyethanol: Reproduction and Fertility Assessment in CD-1 Mice When Administered in Water.
PB85-118651 **04**-*508,684* PC **A13**/MF **A01**

**NTP-84-265**

Theobromine: Reproduction and Fertility Asscssment in CD-1 Mice When Administered in Feed.
PB85-120368 **04**-*508,685* PC **A12**/MF **A01**

**NTP-84-406**

Diethylene Glycol Monoethyl Ether: Reproduction and Fertility Assessment in CD-1 Mice When Administered in the Drinking Water.
PB85-137123 **06**-*513,203* PC **A09**/MF **A01**

**NTP-84-407**

Triethylene Glycol: Reproduction and Fertility Assessment in CD-1 Mice When Administered in the Drinking Water.
PB85-137073 **06**-*513,202* PC **A09**/MF **A01**

**NTP-84-410**

Ethylene Glycol Monophenyl Ether: Reproduction and Fertility Assessment in CD-1 Mice When Administered in the Feed.
PB85-146140 **06**-*516,333* PC **A11**/MF **A01**

**NTP-84-411**

Di(n-Butyl) Phthalate: Reproduction and Fertility Assessment in CD-1 Mice When Administered in the Feed.
PB85-144798 **07**-*514,673* PC **A05**/MF **A01**

**NTP-85-007**

Triethylene Glycol Dimethyl Ether: Reproduction and Fertility Assessment in CD-1 Mice When Administered in the Drinking Water.
PB85-150456 **08**-*516,342* PC **A09**/MF **A01**

**NTP-85-016**

Diethylstilbestrol: Reproduction and Fertility Assessment in CD-1 Mice When Administered in Feed (Revised November 1984, EHRT).
PB85-167674 **12**-*526,594* PC **A11**/MF **A01**

**NTP-85-022**

Methyl Salicylate: Reproduction and Fertility Assessment in CD-1 Mice When Administered by Gavage Final Report, (November 1984),
PB85-164283 **11**-*523,925* PC **A09**/MF **A01**

**NTP-85-078**

Sodium Saccharin: Reproduction and Fertility Assessment in CD-1 Mice When Administered in Drinking Water.
PB85-188258 **15**-*533,457* PC **A10**/MF **A01**

**NTP-85-080**

Ethoxy Acetic Acid: Reproduction and Fertility Assessment in CD-1 Mice When Administered in Drinking Water.
PB85-197960 **18**-*540,248* PC **A14**/MF **A01**

**NTP-85-088**

Teratologic Evaluation of Bisphenol A (CAS No. 80-05-7) Administered to CD-1 Mice on Gestational Days 6 Through 15.
PB85-205102 **18**-*540,260* PC **A12**/MF **A01**

**NTP-85-089**

Teratologic Evaluation of Bisphenol A (CAS No. 80-05-7) Administered to CD(R) Rats on Gestational Days 6 Through 15.
PB85-205110 **18**-*540,261* PC **A15**/MF **A01**

**NTP-85-095**

Acetaminophen: Reproduction and Fertility Assessment in CD-1 Mice When Administered in the Feed.
PB85-204667 **18**-*540,258* PC **A10**/MF **A01**

**NTP-85-096**

Theophylline: Reproduction and Fertility Assessment in CD-1 Mice When Administered in Drinking Water/Feed.
PB85-204659 **18**-*540,257* PC **A15**/MF **A01**

**NTP-85-097**

Caffeine: Reproduction and Fertility Assessment in CD-1 Mice when Administered in Drinking Water. (Revised December 1984, EHRT).
PB85-205052 **18**-*540,259* PC **A11**/MF **A01**

**NTP-85-098**

Lead Acetate Trihydrate: Reproduction and Fertility Assessment in CD-1 Mice When Administered in Drinking Water.
PB85-203032 **18**-*540,255* PC **A13**/MF **A01**

**NTP-85-107**

Diethylene Glycol: Reproduction and Fertility Assessment in CD-1 Mice When Administered in the Drinking Water.
PB85-212926 **20**-*544,906* PC **A11**/MF **A01**

**NTP-85-140**

Di-n-octylphthalate: Reproduction and Fertility Assessment in CD-1 Mice When Administered in Feed (Revised).
PB85-218147 **21**-*547,717* PC **A13**/MF **A01**

**NTP-85-155**

Ethylene Glycol Monobutyl Ether: Reproduction and Fertility Assessment in CD-1 Mice When Administered in Drinking Water (Revised).
PB85-226827 **22**-*549,958* PC **A15**/MF **A01**

**NTP-85-187**

DI-N-Hexyl Phthalate: Reproduction and Fertility Assessment in CD-1 Mice when Administered in the Feed.
PB85-249332 **25**-*557,867* PC **A11**/MF **A01**

**NTP-85-188**

DI-N-Propylphthalate: Reproduction and Fertility Assessment in CD-1 Mice when Administered in Feed.
PB85-247856 **25**-*557,866* PC **A16**/MF **A01**

**NTSB/AAB-85/01**

Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation, Issue Number 17 of 1982 Accidents.
PB85-916901 **19**-*542,086* PC **A19**/MF **A01**

**NTSB/AAB-85/02**

Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation, Issue Number 1 of 1983 Accidents.
PB85-916902 **19**-*542,087* PC **A18**/MF **A01**

**NTSB/AAB-85/03**

Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation, Issue Number 2 of 1983 Accidents.
PB85-916903 **19**-*542,088* PC **A18**/MF **A01**

**NTSB/AAB-85/04**

Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation, Issue Number 3 of 1983 Accidents.
PB85-916904 **19**-*542,089* PC **A18**/MF **A01**

**NTSB/AAB-85/06**

Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation, Issue Number 5 of 1983 Accidents.
PB85-916906 **22**-*549,291* PC **A18**/MF **A01**

**NTSB/AAB-85/07**

Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation, Issue Number 6 of 1983 Accidents.
PB85-916907 **22**-*549,292* PC **A18**/MF **A01**

**NTSB/AAB-85/08**

Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation, Issue Number 7 of 1983 Accidents.
PB85-916908 **23**-*551,906* PC **A18**/MF **A01**

**NTSB/AAB-85/09**

Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation, Issue Number 8 of 1983 Accidents.
PB85-916909 **22**-*549,293* PC **A17**/MF **A01**

**NTSB/AAB-85/10**

Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation, Issue Number 9 of 1983 Accidents.
PB85-916910 **23**-*551,907* PC **A18**/MF **A01**

**NTSB/AAB-85/11**

Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation Issue Number 10 of 1983 Accidents.
PB85-916911 **23**-*551,908* PC **A19**/MF **A01**

**NTSB/AAB-85/12**

Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation Issue Number 11 of 1983 Accidents.
PB85-916912 **23**-*551,909* PC **A18**/MF **A01**

**NTSB/AAB-85/13**

Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation Issue Number 12 of 1983 Accidents.
PB85-916913 **24**-*554,565* PC **A17**/MF **A01**

**NTSB/AAB-85/14**

Aircraft Accident Reports - Brief Format U.S. Civil and Foreign Aviation Issue Number 13 of 1983 Accidents.
PB85-916914 **26**-*559,988* PC **A18**/MF **A01**

**NTSB/AAB-85/15**

Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation Issue Number 14 of 1983 Accidents.
PB85-916915 **24**-*554,566* PC **A18**/MF **A01**

**NTSB/AAB-85/16**

Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation Issue Number 15 of 1983 Accidents.
PB85-916916 **24**-*554,567* PC **A18**/MF **A01**

**NTSB/AAB-85/17**

Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation Issue Number 16 of 1983 Accidents.
PB85-916917 **24**-*554,568* PC **A17**/MF **A01**

**NTSB/AAB-85/19**

Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation Issue Number 18 of 1983 Accidents.
PB85-916919 **24**-*554,569* PC **A15**/MF **A01**

**NTSB/AAB-85/20**

Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation, Issue Number 1 of 1984 Accidents.
PB85-916920 **26**-*559,989* PC **A18**/MF **A01**

**NTSB/AAB-85/21**

Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation, Issue Number 2 of 1984 Accidents.
PB85-916921 **26**-*559,990* PC **A18**/MF **A01**

**NTSB/AAR-84/08**

Aircraft Accident Report - Flying Tigers, Inc., Flight 2468, McDonnell Douglas DC8-63, N797FT, Chambers Field, Naval Air Station, Norfolk, Virginia, October 25, 1984.
PB84-910408 **01**-*500,023* PC **A04**/MF **A01**

**NTSB/AAR-84/11**

Aircraft Accident Report - Central Airlines Flight 27, Hughes Charter Air, Gates Learjet Model 25 (N51CA), Newark International Airport, Newark, New Jersey, March 30, 1983.
PB84-910411 **01**-*500,024* PC **A03**/MF **A01**

**NTSB/AAR-84/12**

Aircraft Accident Report - Pilgrim Airlines, Inc., Fokker F27-100, N148PM, John F. Kennedy International Airport, Jamaica, New York, January 13, 1984.
PB84-910412 **06**-*512,663* PC **A03**/MF **A01**

**NTSB/AAR-84/13**

Aircraft Accident Report - Air Canada Flight 965, Lockheed L-1011, C-FTNJ, near Charleston, South Carolina, November 24, 1983.
PB84-910413 **04**-*507,899* PC **A03**/MF **A01**

**NTSB/AAR-84/14**

Aircraft Accident Report - Western Helicopters, Inc., Bell UL-1B, N87701, Valencia, California, July 23, 1982.
PB84-910414 **05**-*510,590* PC **A03**/MF **A01**

**NTSB/AAR-84/15**

Aircraft Accident Report - Scandinavian Airlines System Flight 901, McDonnell Douglas DC-10-30, John F. Kennedy International Airport, Jamaica, New York, February 28, 1984.
PB84-910415 **05**-*510,591* PC **A05**/MF **A01**

**NTSB/AAR-85/01**

Aircraft Accident Report - US Air, Inc., Flight 183, McDonnell Douglas DC9-31, N964VJ, Detroit Metropolitan Airport, Detroit, Michigan, June 13, 1984.
PB85-910401 **17**-*537,017* PC **A04**/MF **A01**

**NTSB/AAR-85/02**

Aircraft Accident Report - Air Continental Gates Learjet 23, Bradley International Airport, Windsor Locks, Connecticut, June 4, 1984.
PB85-910402 **16**-*535,311* PC **A03**/MF **A01**

**NTSB/AAR-85/03**

Aircraft Accident Report - Air Illinois Hawker Siddley HS 748-2A, N748LL Near Pinckneyville, Illinois, October 11, 1983.
PB85-910403 **17**-*537,018* PC **A05**/MF **A01**

**NTSB/AAR-85/04**

Aircraft Accident Report - Zantop International Airlines, Inc., Lockheed L-188A Electra, Chalkhill, Pennsylvania, May 30, 1984.
PB85-910404 **19**-*542,084* PC **A04**/MF **A01**

**NTSB/AAR-85/05**

Aircraft Accident Report - United Airlines Flight 663, Boeing 727-222, N7647U, Denver, Colorado, May 31, 1984.
PB85-910405 **19**-*542,085* PC **A05**/MF **A01**

**NTSB/AAR-85/06**

Aircraft Accident Report - World Airways, Inc., Flight 30H, McDonnell Douglas DC-10-30CF, N113WA, Boston-Logan International Airport, Boston, Massachusetts, January 23, 1982.
PB85-910406 **24**-*554,564* PC **A07**/MF **A01**

**NTSB-ARC-80-1**

Annual Review of Aircraft Accident Data - U.S. Air Carrier Operations 1978.
PB85-129443 **05**-*510,593* PC **A05**/MF **A01**

**NTSB/ARC-85/01**

Annual Review of Aircraft Accident Data: U.S. Air Carrier Operations Calendar Year 1981.
PB85-169522 **14**-*530,765* PC **A06**/MF **A01**

**NTSB/HAR-84/03**

Highway Accident Report - Collapse of a Suspended Span of Interstate Route 95 Highway Bridge over the Mianus River, Greenwich, Connecticut, June 28, 1983.
PB84-916203 **02**-*504,450* PC **A06**/MF **A01**

**NTSB/HAR-84/05**

Highway Accident Report - Collision of G and D Auto Sales, Inc., Tow Truck Towing Automobile, Branch Motor Express Company, Tractor-Semitrailer Town of Rehoboth Schoolbus, Rehoboth, Massachusetts, January 10, 1984.
PB84-916205 **04**-*509,813* PC **A03**/MF **A01**

**NTSB/HAR-84/06**

Highway Accident Report - Activity Bus/Tractor-Cargo Tank Semitrailer Collision, State Route 61 Near Devers, Texas, December 23, 1983.
PB84-916206 **03**-*506,729* PC **A03**/MF **A01**

**NTSB/HAR-84/07**

Highway Accident Report - Collision of DeQueen, Arkansas Police Department Patrol Car and Terrell Trucking, Inc. Tractor-Semitrailer, U.S. Route 71, Ashdown, Arkansas, July 5, 1984.
PB84-916207 **08**-*517,227* PC **A03**/MF **A01**

**NTSB/HAR-85/01**

Highway Accident Report - Church Bus Loss of Control on Long Steep Grade, State Route 155 Near Wofford Heights, California, July 7, 1984.
PB85-916201 **13** *529,788* PC **A02**/MF **A01**

**NTSB/HAR-85/02**

Highway Accident Report - Collision of Isle of Wight County, Virginia Schoolbus with Chesapeake and Ohio Railway Company Freight Train, State Route 615 near Carrsville, Virginia, April 12, 1984.
PB85-916202 **15**-*534,305* PC **A04**/MF **A01**

**NTSB/HAR-85/03**

Highway Accident Report - Schoolbus Loss of Control Accidents in Miami, Florida, September 26, 1983 and Birmingham, Alabama, April 12, 1984.
PB85-916204 **20**-*545,935* PC **A03**/MF **A01**

**NTSB/HAR-85/04**

Highway Accident Report - Fatigue-Related Commercial Vehicle Accidents: Cheyenne, Wyoming, July 18, 1984 and Junction City, Arkansas, October 19, 1984.
PB85-916205 **26**-*561,238* PC **A03**/MF **A01**

**NTSB/HZM-85/01**

Hazardous Materials Investigation Report - Release of Hazardous Waste Acid from Cargo Tank Truck, Orange County, Florida, March 6, 1984.
PB85-917003 **19**-*543,565* PC **A03**/MF **A01**

**NTSB/IDB00-84/02**

Transportation Initial Decisions and Orders and Board Opinions and Orders Adopted and Issued during the Month of February, 1984.
PB84-916702 **07**-*514,501* PC **A15**/MF **A01**

**NTSB/IDB00-84/03**

Transportation Initial Decisions and Orders and Board Opinions and Orders Adopted and Issued during the Month of March, 1984.
PB84-916703 **07**-*514,502* PC **A15**/MF **A01**

**NTSB/IDB00-84/04**

Transportation Initial Decisions and Orders and Board Opinions and Orders Adopted and Issued during the Month of April, 1984.
PB84-916704 **07**-*514,503* PC **A20**/MF **A01**

**NTSB/MAB-84/02**

Marine Accident Reports - Brief Format Issue Number 1 - Reports Issued August 8, 1984.
PB84-917302 **03**-*506,780* PC **A04**/MF **A01**

**NTSB/MAB-85/01**

Marine Accident Reports - Brief Format, Issue Number 2, Reports Issued August 21, 1985.
PB85-917301 **26**-*561,245* PC**$10.00**/MF **A01**

**NTSB/MAR-84/06**

Marine Accident Report - Capsizing of the U.S. Offshore Vessel LAVERNE HERBERT Gulf of Mexico, November 9-10, 1983.
PB84-916406 **02**-*504,424* PC **A03**/MF **A01**

**NTSB/MAR-84/07**

Marine Accident Report - Capsizing and Sinking of the U.S. Ocean Towing Vessel M/V EAGLE in the Gulf of Alaska, October 27, 1983.
PB84-916407 **09**-*519,763* PC **A03**/MF **A01**

**NTSB/MAR-84/08**

Marine Accident Report - Capsizing and Sinking of the United States Drillship GLOMAR JAVA SEA in the South China Sea, 65 Nautical Miles South-Southwest of Hainan Island, People's Republic of China, October 25, 1983.
PB84-916408 **07**-*515,181* PC **A06**/MF **A01**

**NTSB/MAR-84/09**

Marine Accident Report - Grounding of United States Tankship SS MOBILOIL, in the Columbia River near Saint Helens, Oregon, March 19, 1984.
PB84-916409 **11**-*524,753* PC **A05**/MF **A01**

**NTSB/MAR-85/01**

Marine Accident Report - Collision of the Panamanian Cement Carrier M/V AMPARO PAOLA with the Danziger Bridge Inner Harbor Navigation Canal, New Orleans, Louisiana, November 23, 1983.
PB85-916401 **13**-*529,790* PC **A02**/MF **A01**

**NTSB/MAR-85/02**

Marine Accident Report - Ramming of the Poplar Street Bridge by the Towboat M/V ERIN MARIE and Its Twelve-Barge Tow, St. Louis, Missouri, April 26, 1984.
PB85-916402 **15**-*534,308* PC **A03**/MF **A01**

**NTSB/MAR-85/03**

Marine Accident Report - Fire Aboard the Bahamian Passenger Vessel M/V SCANDINAVIAN SEA, Cape Canaveral, Florida, March 9, 1984.
PB85-916403 **19**-*543,648* PC **A05**/MF **A01**

**NTSB/MAR-85/04**

Marine Accident Report - Collision of the U.S. Towboat ANN BRENT and Tow with the Greek Tankship MANTINIA, Mile 150, Lower Mississippi River, June 11, 1984.
PB85-916404 **19**-*543,649* PC **A02**/MF **A01**

**NTSB/MAR-85/05**

Marine Accident Report - Capsizing of the Uninspected Vessel M/V SCITANIC on the Tennessee River near Huntsville, Alabama, July 7, 1984.
PB85-916405 **22**-*550,703* PC **A03**/MF **A01**

**NTSB/MAR-85/06**

Marine Accident Report - Explosion and Sinking of the United States Tankship SS AMERICAN EAGLE, Gulf of Mexico, February 26 and 27, 1984.
PB85-916406 **26**-*561,239* PC **A03**/MF **A01**

**NTSB/MAR-85/07**

Marine Accident Report - Loss of the U.S. Fishing Vessel AMAZING GRACE about 80 Nautical Miles East of Cape Henlopen, Delaware about November 14, 1984.
PB85-916407 **25**-*558,763* PC **A04**/MF **A01**

**NTSB/MAR-85/08**

Marine Accident Report - Fire Aboard the Bahamian Passenger Ship M/V SCANDINAVIAN SUN, Port of Miami, Miami, Florida, August 20, 1984.
PB85-916408 **26**-*561,240* PC **A03**/MF **A01**

**NTSB/MAR-85/09**

Marine Accident Report - Loss by Fire of the U.S. Passenger Vessel M/V FANTASY ISLANDER in Charlotte Harbor, Florida, September 8, 1984.
PB85-916409 **26**-*561,241* PC **A03**/MF **A01**

**NTSB/PAR-84/03**

Pipeline Accident Report - Washington Gas Light Company Natural Gas Explosion and Fire, Herndon Gate Station, Fairfax County, Virginia, October 13, 1983.

PB84-916503 **01**-*501,919* PC**$12.50**/MF **A01**

**NTSB/PAR-84/04**
Pipeline Accident Report - Columbia Gas of West Virginia, Inc., Explosion and Fire, South Charleston, West Virginia, October 17, 1983.
PB84-916504 **03**-*506,779* PC **A04**/MF **A01**

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PB84-916505 **07**-*515,182* PC **A03**/MF **A01**

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PB85-917202 **16**-*536,363* PC **A04**/MF **A01**

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PB85-917206 **25**-*558,705* PC**$10.00**/MF **A01**

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PB85-917207 **26**-*561,243* PC**$10.00**/MF **A01**

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PB85-916301 **13**-*529,789* PC **A04**/MF **A01**

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PB85-916302 **15**-*534,306* PC **A03**/MF **A01**

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PB85-916303 **15**-*534,307* PC **A02**/MF **A01**

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PB85-916304 **19**-*543,646* PC **A07**/MF **A01**

**NTSB/RAR-85/05**
Railroad Accident Report - Seaboard System Railroad Freight Train FERHL Derailment and Fire, Marshville, North Carolina, April 10, 1984.
PB85-916305 **20**-*545,936* PC **A03**/MF **A01**

**NTSB/RAR-85/06**
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PB85-916306 **19**-*543,647* PC **A03**/MF **A01**

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PB85-916307 **21**-*548,670* PC **A03**/MF **A01**

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PB85-916308 **23**-*553,617* PC **A03**/MF **A01**

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PB85-916309 **25**-*558,762* PC **A04**/MF **A01**

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PB85-916310 **22**-*550,805* PC **A02**/MF **A01**

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PB84-916607 **11**-*523,236* PC **A04**/MF **A01**

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PB84-916608 **11**-*524,648* PC **A04**/MF **A01**

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PB84-916609 **13**-*528,302* PC **A03**/MF **A01**

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PB84-916610 **13**-*528,303* PC **A03**/MF **A01**

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PB84-916611 **13**-*528,304* PC **A05**/MF **A01**

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PB84-916612 **13**-*528,305* PC **A02**/MF **A01**

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PB85-916603 **20**-*544,498* PC **A04**/MF **A01**

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PB85-916604 **26**-*559,984* PC **A04**/MF **A01**

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PB84-917005 **02**-*504,430* PC **A03**/MF **A01**

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PB84-917008 **07**-*515,183* PC **A03**/MF **A01**

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PB85-917007 **26**-*561,242* PC **A04**/MF **A01**

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PB85-917005 **22**-*550,806* PC **A04**/MF **A01**

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PB85-231132 **23**-*552,836* PC **E03**/MF **E03**

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PB85-231140 **23**-*552,837* PC **E03**/MF **E03**

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PB85-231058 **23**-*553,783* PC **E11**/MF **E11**

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DE85701465 **24**-*554,693* PC **A06**/MF **A01**

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DE85781134 **24**-*556,514* PC **A03**/MF **A01**

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DE85781076 **25**-*558,092* PC **A03**/MF **A01**

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DE85781078 **25**-*558,456* PC **A03**/MF **A01**

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NUREG/CR-3842 **03**-*507,152* PC **A08**/MF **A01**

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NUREG/CR-3901 **20**-*546,278* PC **A14**/MF **A01**

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NUREG/CR-3904 **19**-*543,291* PC **A06**/MF **A01**

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NUREG/CR-3938 **01**-*502,293* PC **E04**/MF **A01**

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NUREG/CR-3942 **03**-*507,154* PC **A03**/MF **A01**

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NUREG/CR-4185 **26**-*560,410* PC **A04**/MF **A01**

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Evaluation of Current Methodology Employed in Probabilistic Risk Assessment (PRA) of Fire Events at Nuclear Power Plants.
NUREG/CR-4229 **17**-*538,910* PC **A03**/MF **A01**

**NUREG/CR-4230**

Probability-Based Evaluation of Selected Fire Protection Features in Nuclear Power Plants.
NUREG/CR-4230 **17**-*538,911* PC **A05**/MF **A01**

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NUREG/CR-4231 **17**-*538,912* PC **A04**/MF **A01**

**NUREG/CR-4232**

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NUREG/CR-4232 **21**-*548,287* PC **A04**/MF **A01**

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NUREG/CR-4234-V1 **20**-*546,397* PC **A06**/MF **A01**

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NUREG/CR-4237 **15**-*534,546* PC **A05**/MF **A01**

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NUREG/CR-4239 **20**-*544,801* PC **A14**/MF **A01**

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**NUREG/CR-4245**

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NUREG/CR-4245 **19**-*543,893* PC **A99**/MF **E04**

**NUREG/CR-4248**

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NUREG/CR-4248 **21**-*547,460* PC **A08**/MF **A01**

**NUREG/CR-4249**

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NUREG/CR-4249 **20**-*546,213* PC **A11**/MF **A01**

**NUREG/CR-4250**

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NUREG/CR-4250 **26**-*561,633* PC **A06**/MF **A01**

**NUREG/CR-4254**

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**NUREG/CR-4255-V1**

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NUREG/CR-4255-V1 **26**-*561,603* PC **A04**/MF **A01**

**NUREG/CR-4258**

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NUREG/CR-4258 **21**-*547,461* PC **A05**/MF **A01**

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NUREG/CR-4262-V1 **18**-*541,609* PC **A05**/MF **A01**

**NUREG/CR-4263**

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NUREG/CR-4263 **17**-*538,913* PC **A05**/MF **A01**

**NUREG/CR-4264**

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NUREG/CR-4264 **19**-*543,847* PC **A03**/MF **A01**

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NUREG/CR-4268 **21**-*548,916* PC **A05**/MF **A01**

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NUREG/CR-4275 **26**-*561,427* PC **A08**/MF **A01**

**NUREG/CR-4276**

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NUREG/CR-4276 **20**-*546,399* PC **A03**/MF **A01**

**NUREG/CR-4277**

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NUREG/CR-4277 **20**-*546,400* PC **A06**/MF **A01**

**NUREG/CR-4281**

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NUREG/CR-4281 **21**-*548,956* PC **A04**/MF **A01**

**NUREG/CR-4283**

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NUREG/CR-4291 **26**-*561,604* PC **A06**/MF **A01**

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NUREG/CR-4298 **20**-*546,441* PC **A06**/MF **A01**

**NUREG/CR-4300-V1**

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NUREG/CR-4300-V1 **23**-*553,900* PC **A03**/MF **A01**

**NUREG/CR-4317-V1**

Canadian Seismic Agreement: Technical Report Covering 1979-1985.

NUREG/CR-4317-V1 **21**-*547,880* PC **A04**/MF **A01**

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NUREG/CR-4318-V1 **26**-*561,605* PC **A02**/MF **A01**

**NUREG/CR-4326-V1**

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NUREG/CR-4352 **26**-*561,488* PC **A03**/MF **A01**

**NUREG/CR-4365**

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NUREG-0020-V8-N8 **01**-*502,178* PC **A17**/MF **A01**

**NUREG-0020-V8-N9**

Licensed Operating Reactors Status Summary Report: Data as of 31 August 1983.

NUREG-0020-V8-N9 **03**-*507,001* PC **A17**/MF **A01**

**NUREG-0020-V8-N10**

Licensed Operating Reactors Status Summary Report: Data as of 30 September 1984.

NUREG-0020-V8-N10 **05**-*512,348* PC **A17**/MF **A01**

**NUREG-0020-V8-N11**

Licensed Operating Reactors Status Summary Report: Data as of October 31, 1984.

NUREG-0020-V8-N11 **07**-*515,461* PC **A18**/MF **A01**

**NUREG-0020-V8-N12**

Licensed Operating Reactors Status Summary Report: Data as of November 30, 1984.

NUREG-0020-V8-N12 **08**-*517,476* PC **A17**/MF **A01**

**NUREG-0020-V9-N1**

Licensed Operating Reactors Status Summary Report: Data as of December 31, 1984.

NUREG-0020-V9-N1 **11**-*525,046* PC **A17**/MF **A01**

**NUREG-0020-V9-N2**

Licensed Operating Reactors Status Summary Report: Data as of January 31, 1985.

NUREG-0020-V9-N2 **14**-*532,440* PC **A18**/MF **A01**

**NUREG-0020-V9-N3**

Licensed Operating Reactors Status Summary Report: Data as of February 28, 1985.

NUREG-0020-V9-N3 **15**-*534,561* PC **A17**/MF **A01**

**NUREG-0020-V9-N4**

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NUREG-0020-V9-N4 **17**-*538,914* PC **A19**/MF **A01**

**NUREG-0020-V9-N5**

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NUREG-0020-V9-N5 **20**-*546,176* PC **A18**/MF **A01**

**NUREG-0020-V9-N6**

Licensed Operating Reactors Status Summary Report: Data as of May 31, 1985.

NUREG-0020-V9-N6 **21**-*548,874* PC **A18**/MF **A01**

**NUREG-0020-V9-N7**

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NUREG-0020-V9-N7 **26**-*561,412* PC **A18**/MF **A01**

**NUREG-0040-V8-N3**

Licensee Contractor and Vendor Inspection Status Report, Quarterly Report July 1984-September 1984.

NUREG-0040-V8-N3 **02**-*504,631* PC **A09**/MF **A01**

**NUREG-0040-V8-N4**

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NUREG-0040-V8-N4 **10**-*522,643* PC **A11**/MF **A01**

**NUREG-0040-V9-N1**

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NUREG-0040-V9-N1 **17**-*538,915* PC **A10**/MF **A01**

**NUREG-0090-V7-N2**

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NUREG-0090-V7-N2 **03**-*507,156* PC **A03**/MF **A01**

**NUREG-0090-V7-N3**

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NUREG-0090-V7-N3 **15**-*534,684* PC **A04**/MF **A01**

**NUREG-0090-V7-N4**

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NUREG-0090-V7-N4 **17**-*539,169* PC **A03**/MF **A01**

**NUREG-0090-V8-N1**

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NUREG-0090-V8-N1 **26**-*561,607* PC **A03**/MF **A01**

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NUREG-0125-ADD **10**-*522,706* PC **A05**/MF **A01**

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NUREG-0304-V9-N3 **04**-*510,118* PC **A07**/MF **A01**

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NUREG-0304-V9-N4 **08**-*517,477* PC **A22**/MF **A01**

**NUREG-0304-V10-N1**

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NUREG-0304-V10-N1 **17**-*538,916* PC **A07**/MF **A01**

**NUREG-0304-V10-N2**

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NUREG-0304-V10-N2 **21**-*548,959* PC **A05**/MF **A01**

**NUREG-0325-REV-7**

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NUREG-0325-REV-7 **07**-*514,429* PC **A04**/MF **A01**

**NUREG-0383-V1-REV-7**

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NUREG-0383-V1-REV-7

**04**-*510,032* PC **A19**/MF **A01**

**NUREG-0383-V2-REV-7**

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NUREG-0383-V2-REV-7

**04**-*510,033* PC **A99**/MF **A01**

**NUREG-0383-V3-REV-4**

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NUREG-0383-V3-REV-4

**04**-*510,034* PC **A07**/MF **A01**

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NUREG-0386-DIGT-N3 **22**-*551,126* PC **A99**/MF **E04**

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NUREG-0390-V7-N2 **04**-*510,022* PC **A10**/MF **A01**

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NUREG-0420-SUP-N8 **05**-*512,349* PC **A06**/MF **A01**

**NUREG-0430-V5-N1**

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NUREG-0430-V5-N1 **14**-*532,534* PC **A02**/MF **A01**

**NUREG-0485-V3-N6**

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NUREG-0485-V3-N6 **11**-*525,264* PC **A04**/MF **A01**

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Safeguards Summary Event List (SSEL), Pre-NRC Through December 31, 1984.

NUREG-0525-REV-10 **17**-*539,206* PC **A04**/MF **A01**

**NUREG-0540-V6-N8**

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NUREG-0540-V6-N8 **02**-*504,632* PC **A99**/MF **A01**

**NUREG-0540-V6-N9**

Title List of Documents Made Publicly Available, September 1-30, 1984.

NUREG-0540-V6-N9 **05**-*512,233* PC **A22**/MF **A01**

**NUREG-0540-V6-N10**

Title List of Documents Made Publicly Available October 1-31, 1984.

NUREG-0540-V6-N10 **07**-*515,366* PC **A24**/MF **A01**

**NUREG-0540-V6-N12**

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NUREG-0540-V6-N12 **11**-*525,047* PC **A99**/MF **A01**

**NUREG-0540-V7-N1**

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NUREG-0540-V7-N1 **14**-*532,441* PC **A99**/MF **A01**

**NUREG-0540-V7-N2**

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NUREG-0540-V7-N2 **15**-*534,562* PC **A99**/MF **E04**

**NUREG-0540-V7-N3**

Title List of Documents Made Publicly Available, March 1-31, 1985.

NUREG-0540-V7-N3 **15**-*534,563* PC **A19**/MF **A01**

**NUREG-0540-V7-N4**

Title List of Documents Made Publicly Available, April 1-30, 1985.

NUREG-0540-V7-N4 **19**-*543,848* PC **A21**/MF **A01**

**NUREG-0540-V7-N5**

Title List of Documents Made Publicly Available, May 1-31, 1985.

NUREG-0540-V7-N5 **19**-*543,849* PC **A21**/MF **A01**

**NUREG-0540-V7-N6**

Title List of Documents Made Publicly Available, June 1-30, 1985.

NUREG-0540-V7-N6 **20**-*546,177* PC **A25**/MF **A01**

**NUREG-0540-V7-N7**

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NUREG-0544-REV-2 **08**-*515,913* PC **A07**/MF **A01**

**NUREG-0606-V6-N4**

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NUREG-0606-V6-N4 **07**-*515,367* PC **A04**/MF **A01**

**NUREG-0606-V7-N1**

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NUREG-0606-V7-N1 **12**-*527,841* PC **A04**/MF **A01**

**NUREG-0606-V7-N2**

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NUREG-0606-V7-N2 **19**-*543,850* PC **A04**/MF **A01**

**NUREG-0606-V7-N3**

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NUREG-0606-V7-N3 **26**-*561,608* PC **A04**/MF **A01**

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NUREG-0649-REV-1 **01**-*502,273* PC **A10**/MF **A01**

**NUREG-0675-SUP-N28**

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NUREG-0675-SUP-N28 **15**-*534,685* PC **A99**/MF **A01**

**NUREG-0675-SUP-N29**

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NUREG-0675-SUP-N29 **12**-*527,842* PC **A04**/MF **A01**

**NUREG-0675-SUP-N30**

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NUREG-0675-SUP-N30 **14**-*532,517* PC **A07**/MF **A01**

**NUREG-0675-SUP-N31**

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NUREG-0675-SUP-N31 **17**-*539,170* PC **A08**/MF **A01**

**NUREG-0675-SUP-N32**

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NUREG-0675-SUP-N32 **23**-*554,051* PC **A04**/MF **A01**

**NUREG-0683-SUP-N1**

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NUREG-0683-SUP-N1 **02**-*504,663* PC **A09**/MF **A01**

**NUREG-0713-V5**

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NUREG-0713-V5 **13**-*528,790* PC **A07**/MF **A01**

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NUREG-0725-REV-5 **19**-*543,894* PC **A05**/MF **A01**

**NUREG-0748-V4-N8**

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NUREG-0748-V4-N8 **01**-*502,274* PC **A18**/MF **A01**

**NUREG-0748-V4-N9**

Operating Reactors Licensing Actions Summary, September 1984.
NUREG-0748-V4-N9 **03**-*507,157* PC **A18**/MF **A01**

**NUREG-0748-V4-N10**

Operating Reactors Licensing Actions Summary, October 1984.
NUREG-0748-V4-N10 **05**-*512,350* PC **A14**/MF **A01**

**NUREG-0748-V4-N11**

Operating Reactors Licensing Actions Summary, November 1984.
NUREG-0748-V4-N11 **06**-*514,029* PC **A14**/MF **A01**

**NUREG-0748-V4-N12**

Operating Reactors Licensing Actions Summary, December 1984.
NUREG-0748-V4-N12 **08**-*517,657* PC **A11**/MF **A01**

**NUREG-0748-V5-N1**

Operating Reactors Licensing Actions Summary, January 1985.
NUREG-0748-V5-N1 **13**-*530,220* PC **A15**/MF **A01**

**NUREG-0748-V5-N2**

Operating Reactors Licensing Actions Summary, February 1985.
NUREG-0748-V5-N2 **15**-*534,686* PC **A15**/MF **A01**

**NUREG-0748-V5-N3**

Operating Reactors Licensing Actions Summary, March 1985.
NUREG-0748-V5-N3 **17**-*539,171* PC **A15**/MF **A01**

**NUREG-0748-V5-N4**

Operating Reactors Licensing Actions Summary, April 1985.
NUREG-0748-V5-N4 **19**-*543,946* PC **A15**/MF **A01**

**NUREG-0748-V5-N5**

Operating Reactors Licensing Actions Summary, May 1985.
NUREG-0748-V5-N5 **20**-*546,402* PC **A16**/MF **A01**

**NUREG-0748-V5-N6**

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NUREG-0748-V5-N6 **21**-*548,960* PC **A16**/MF **A01**

**NUREG-0750-V18**

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NUREG-0750-V18 **07**-*515,368* PC **A99**/MF **E12**

**NUREG-0750-V19-BK1**

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NUREG-0750-V19-BK1 **12**-*527,724* PC **A99**/MF **E06**

**NUREG-0750-V19-BK2**

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NUREG-0750-V19-BK2 **12**-*527,725* PC **A99**/MF **E04**

**NUREG-0750-V19-IND 2**

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NUREG-0750-V19-IND 2
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**NUREG-0750-V19-N6**

Nuclear Regulatory Commission Issuances, June 1984.
NUREG-0750-V19-N6 **01**-*502,179* PC **A13**/MF **A01**

**NUREG-0750-V20-BK1**

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NUREG-0750-V20-BK1 **20**-*546,178* PC **A99**/MF **E04**

**NUREG-0750-V20-BK2**

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NUREG-0750-V20-BK2 **20**-*546,179* PC **A99**/MF **E06**

**NUREG-0750-V20-IND1**

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NUREG-0750-V20-IND1 **08**-*517,478* PC **A04**/MF **A01**

**NUREG-0750-V20-IND2**

Indexes to Nuclear Regulatory Commission Issuances, July - December 1984.
NUREG-0750-V20-IND2 **12**-*527,726* PC **A06**/MF **A01**

**NUREG-0750-V20-N1**

Nuclear Regulatory Commission Issuances, July 1984.
NUREG-0750-V20-N1 **04**-*510,025* PC **A12**/MF **A01**

**NUREG-0750-V20-N2**

Nuclear Regulatory Commission Issuances, August 1984.
NUREG-0750-V20-N2 **05**-*512,234* PC **A24**/MF **A01**

**NUREG-0750-V20-N3**

Nuclear Regulatory Commission Issuances, September 1984.
NUREG-0750-V20-N3 **06**-*514,001* PC **A12**/MF **A01**

**NUREG-0750-V20-N4**

Nuclear Regulatory Commission Issuances, October 1984.
NUREG-0750-V20-N4 **08**-*517,479* PC **A13**/MF **A01**

**NUREG-0750-V20-N5**

Nuclear Regulatory Commission Issuances, November 1984.
NUREG-0750-V20-N5 **08**-*517,480* PC **A07**/MF **A01**

**NUREG-0750-V20-N6**

Nuclear Regulatory Commission Issuances, December 1984.
NUREG-0750-V20-N6 **10**-*522,644* PC **A07**/MF **A01**

**NUREG-0750-V21-IND1**

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NUREG-0750-V21-IND1 **19**-*543,851* PC **A04**/MF **A01**

**NUREG-0750-V21-N1**

Nuclear Regulatory Commission Issuances, January 1985.
NUREG-0750-V21-N1 **12**-*527,727* PC **A13**/MF **A01**

**NUREG-0750-V21-N2**

Nuclear Regulatory Commission Issuances, February 1985.
NUREG-0750-V21-N2 **14**-*532,442* PC **A10**/MF **A01**

**NUREG-0750-V21-N3**

Nuclear Regulatory Commission Issuances, March 1985.
NUREG-0750-V21-N3 **17**-*538,917* PC **A05**/MF **A01**

**NUREG-0750-V21-N4**

Nuclear Regulatory Commission Issuances, April 1985.
NUREG-0750-V21-N4 **20**-*546,180* PC **A21**/MF **A01**

**NUREG-0750-V21-N5**

Nuclear Regulatory Commission Issuances, May 1985.
NUREG-0750-V21-N5 **21**-*548,875* PC **A23**/MF **A01**

**NUREG-0750-V21-N6**

Nuclear Regulatory Commission Issuances, June 1985.
NUREG-0750-V21-N6 **26**-*561,609* PC **A11**/MF **A01**

**NUREG-0750-V22-N1**

Nuclear Regulatory Commission Issuances, July 1985.
NUREG-0750-V22-N1 **26**-*561,610* PC **A09**/MF **A01**

**NUREG-0787-SUP-N8**

Safety Evaluation Report Related to the Operation of Waterford Steam Electric Station, Unit No. 3, Docket No. 50-382, Louisiana Power and Light Company. Supplement Number 8.
NUREG-0787-SUP-N8 **05**-*512,351* PC **A05**/MF **A01**

**NUREG-0787-SUP-N9**

Safety Evaluation Report Related to the Operation of Waterford Steam Electric Station, Unit No. 3, Docket No. 50-382, Louisiana Power and Light Company. Supplement Number 9.
NUREG-0787-SUP-N9 **07**-*515,369* PC **A20**/MF **A01**

**NUREG-0787-SUP-N10**

Safety Evaluation Report Related to the Operation of Waterford Steam Electric Station, Unit No. 3, Docket No. 50-382, Louisiana Power and Light Company. Supplement Number 10.
NUREG-0787-SUP-N10 **12**-*527,843* PC **A03**/MF **A01**

**NUREG-0797-SUP-N6**

Safety Evaluation Report Related to the Operation of Comanche Peak Steam Electric Station, Units 1 and 2, Docket Nos. 50-445 and 50-446, Texas Utilities Generating Company, et al. Supplement No. 6.
NUREG-0797-SUP-N6 **04**-*510,119* PC **A12**/MF **A01**

**NUREG-0797-SUP-N7**

Safety Evaluation Report Related to the Operation of Comanche Peak Steam Electric Station, Units 1 and 2, Docket Nos. 50-445 and 50-446, Texas Utilities Generating Company, et al. Supplement 7.
NUREG-0797-SUP-N7 **08**-*517,658* PC **A07**/MF **A01**

**NUREG-0797-SUP-N8**

Safety Evaluation Report Related to the Operation of Comanche Peak Steam Electric Station, Units 1 and 2, Docket Nos. 50-445 and 50-446, Texas Utilities Generating Company, et al. Supplement Number 8.
NUREG-0797-SUP-N8 **11**-*525,265* PC **A09**/MF **A01**

**NUREG-0797-SUP-N9**

Safety Evaluation Report Related to the Operation of Comanche Peak Steam Electric Station, Units 1 and 2, Docket Nos. 50-445 and 50-446, Texas Utilities Generating Company, et al. Supplement No. 9.
NUREG-0797-SUP-N9 **14**-*532,518* PC **A08**/MF **A01**

**NUREG-0797-SUP-N10**

Safety Evaluation Report Related to the Operation of Comanche Peak Steam Electric Station, Units 1 and 2, Docket Nos. 50-445 and 50-446, Texas Utilities Generating Company, et al., Supplement Number 10.
NUREG-0797-SUP-N10 **17**-*539,172* PC **A15**/MF **A01**

**NUREG-0797-SUP-N11**

Safety Evaluation Report Related to the Operation of Comanche Peak Steam Electric Station, Units 1 and 2, Docket Nos. 50-445 and 50-446, Texas Utilities Generating Company, et al. Supplement No. 11.
NUREG-0797-SUP-N11 **17**-*539,173* PC **A15**/MF **A01**

**NUREG-0798-SUP-N4**

Safety Evaluation Report Related to the Operation of Enrico Fermi Atomic Power Plant, Unit No. 2. Docket No. 30-341, Detroit Edison Company, et al., Supplement No. 4.
NUREG-0798-SUP-N4 **01**-*502,275* PC **A05**/MF **A01**

**NUREG-0798-SUP-N6**

Safety Evaluation Report Related to the Operation of Fermi-2, Docket No. 50-341, Detroit Edison Company, et al. Supplement No. 6.
NUREG-0798-SUP-N6 **21**-*548,961* PC **A04**/MF **A01**

**NUREG-0799**

Draft Criteria for Preparation of Emergency Operating Procedures.
NUREG-0799 **17**-*539,174* PC **A05**/MF **A01**

**NUREG-0830-SUP-N4**

Safety Evaluation Report Related to the Operation of Callaway Plant, Unit No. 1, Docket No. STN 50-483, Union Electric Company.
NUREG-0830-SUP-N4 **02**-*504,786* PC **A05**/MF **A01**

**NUREG-0831-SUP-N7**

Safety Evaluation Report Related to the Operation of Grand Gulf Nuclear Station, Units 1 and 2, Docket Numbers 50-416 and 50-417, Mississippi Power and Light Company, Middle South Energy, Inc., South Mississippi Electric Power Association. Supplement Number 7.
NUREG-0831-SUP-N7 **03**-*507,158* PC **A02**/MF **A01**

**NUREG-0837-V4-N1**

NRC TLD (Nuclear Regulatory Commission Thermoluminescent Dosimeter) Direct Radiation Monitoring Network. Progress Report January-March 1984.

NUREG-0837-V4-N1 **04**-*510,095* PC **A07**/MF **A01**

**NUREG-0837-V4-N2**

NRC TLD (Nuclear Regulatory Commission Thermoluminescent Dosimeter) Direct Radiation Monitoring Network, Progress Report April-June 1984.

NUREG-0837-V4-N2 **05**-*512,296* PC **A07**/MF **A01**

**NUREG-0837-V4-N3**

NRC TLD (Nuclear Regulatory Commission Thermoluminescent Dosimeter) Direct Radiation Monitoring Network, Progress Report July-September 1984.

NUREG-0837-V4-N3 **08**-*517,596* PC **A07**/MF **A01**

**NUREG-0837-V4-N4**

NRC TLD (Nuclear Regulatory Commission Thermoluminescent Dosimeter) Direct Radiation Monitoring Network, Progress Report October-December 1984.

NUREG-0837-V4-N4 **21**-*548,926* PC **A14**/MF **A01**

**NUREG-0837-V5-N1**

NRC TLD (Nuclear Regulatory Commission Thermoluminescent Dosimeter) Direct Radiation Monitoring Network. Progress Report January-March 1985.

NUREG-0837-V5-N1 **20**-*546,309* PC **A08**/MF **A01**

**NUREG-0847-SUP-N3**

Safety Evaluation Report Related to the Operation of Watts Bar Nuclear Plant, Units 1 and 2, Docket Nos. 50-390 and 50-391, Tennessee Valley Authority. Supplement No. 3.

NUREG-0847-SUP-N3 **08**-*517,659* PC **A05**/MF **A01**

**NUREG-0847-SUP-N4**

Safety Evaluation Report Related to the Operation of Watts Bar Nuclear Plant, Units 1 and 2, Docket Nos. 50-390 and 50-391, Tennessee Valley Authority. Supplement Number 4.

NUREG-0847-SUP-N4 **13**-*530,221* PC **A03**/MF **A01**

**NUREG-0853-SUP-N4**

Safety Evaluation Report Related to the Operation of Clinton Power Station, Unit No. 1, Docket No. 50-461, Illinois Power Company, et al. Supplement No. 4.

NUREG-0853-SUP-N4 **11**-*525,266* PC **A04**/MF **A01**

**NUREG-0857-SUP-N6**

Safety Evaluation Report Related to the Operation of Palo Verde Nuclear Generating Station, Units 1, 2, and 3, Docket Nos. STN 50-528, STN 50-529, and STN 50-530, Arizona Public Service Company, et al. Supplement Number 6.

NUREG-0857-SUP-N6 **03**-*507,159* PC **A05**/MF **A01**

**NUREG-0857-SUP-N7**

Safety Evaluation Report Related to the Operation of Palo Verde Nuclear Generating Station, Units 1, 2, and 3, Docket Nos. STN 50-528, STN 50-529, and STN 50-530, Arizona Public Service Company, et al. Supplement Number 7.

NUREG-0857-SUP-N7 **07**-*515,370* PC **A08**/MF **A01**

**NUREG-0857-SUP-N8**

Safety Evaluation Report Related to the Operation of Palo Verde Nuclear Generating Station, Units 1, 2, and 3, Docket Nos. STN 50-528, STN 50-529, and STN 50-530, Arizona Public Service Company, et al. Supplement Number 8.

NUREG-0857-SUP-N8 **17**-*539,175* PC **A03**/MF **A01**

**NUREG-0876-SUP-N5**

Safety Evaluation Report Related to the Operation of Byron Station, Units 1 and 2, Docket Nos. STN 50-454 and STN 50-455, Commonwealth Edison Company. Supplement Number 5.

NUREG-0876-SUP-N5 **03**-*507,160* PC **A09**/MF **A01**

**NUREG-0876-SUP-N6**

Safety Evaluation Report Related to the Operation of Byron Station, Units 1 and 2, Docket Nos. STN 50-454 and STN 50-455, Commonwealth Edison Company. Supplement No. 6.

NUREG-0876-SUP-N6 **10**-*522,833* PC **A04**/MF **A01**

**NUREG-0881-SUP-N5**

Safety Evaluation Report Related to the Operation of Wolf Creek Generating Station, Unit No. 1, Docket No. STN-50-482, Kansas Gas and Electric Company, et al. Supplement Number 5.

NUREG-0881-SUP-N5 **12**-*527,844* PC **A07**/MF **A01**

**NUREG-0881-SUP-N6**

Safety Evaluation Report Related to the Operation of Wolf Creek Generating Station, Unit No. 1, Docket No. STN 50-482, Kansas Gas and Electric Company, et al. Supplement Number 6.

NUREG-0881-SUP-N6 **17**-*539,176* PC **A02**/MF **A01**

**NUREG-0887-SUP-N5**

Safety Evaluation Report Related to the Operation of Perry Nuclear Power Plant, Units 1 and 2, Dockets Nos. 50-440 and 50-441, Cleveland Electric Illuminating Company. Supplement Number 5.

NUREG-0887-SUP-N5 **10**-*522,834* PC **A10**/MF **A01**

**NUREG-0887-SUP-N6**

Safety Evaluation Report Related to the Operation of Perry Nuclear Power Plant, Units 1 and 2, Docket Nos. 50-440 and 50-441, Cleveland Electric Illuminating Company. Supplement No. 6.

NUREG-0887-SUP-N6 **14**-*532,519* PC **A07**/MF **A01**

**NUREG-0896-SUP-N3**

Safety Evaluation Report Related to the Operation of Seabrook Station, Units 1 and 2, Docket Nos. 50-443 and 50-444, Public Service Company of New Hampshire, et al. Supplement No. 3.

NUREG-0896-SUP-N3 **21**-*548,876* PC **A05**/MF **A01**

**NUREG-0905**

Closeout of IE Bulletin 79-12: Short-Period Scrams at Boiling-Water Reactors. Final Report.

NUREG-0905 **13**-*530,222* PC **A03**/MF **A01**

**NUREG-0910-R1-SUP-N2**

NRC (Nuclear Regulatory Commission) Comprehensive Records Disposition Schedule. Supplement 2.

NUREG-0910-R1-SUP-N2 **10**-*522,645* PC **A03**/MF **A01**

**NUREG-0910-REV-1-S-1**

NRC (Nuclear Regulatory Commission) Comprehensive Records Disposition Schedule. Supplement 1.

NUREG-0910-REV-1-S-1 **08**-*515,914* PC **A02**/MF **A01**

**NUREG-0933-SUP-N2**

Prioritization of Generic Safety Issues. Supplement Number 2.

NUREG-0933-SUP-N2 **08**-*517,481* PC **A13**/MF **A01**

**NUREG-0933-SUP-N3**

Prioritization of Generic Safety Issues. Supplement No. 3.

NUREG-0933-SUP-N3 **21**-*548,877* PC **A12**/MF **A01**

**NUREG-0934**

Technical Specifications, Grand Gulf Nuclear Station, Unit Number 1, Docket Number 50-416, Appendix 'A' to License Number NPF-29.

NUREG-0934 **03**-*507,161* PC **A23**/MF **A01**

**NUREG-0936-V3-N3**

NRC (Nuclear Regulatory Commission) Regulatory Agenda, Quarterly Report July-September 1984.

NUREG-0936-V3-N3 **02**-*504,633* PC **A09**/MF **A01**

**NUREG-0936-V3-N4**

NRC (Nuclear Regulatory Commission) Regulatory Agenda, Quarterly Report October-December 1984.

NUREG-0936-V3-N4 **10**-*522,646* PC **A09**/MF **A01**

**NUREG-0936-V4-N1**

NRC (Nuclear Regulatory Commission) Regulatory Agenda, Quarterly Report January-March 1985.

NUREG-0936-V4-N1 **17**-*538,918* PC **A10**/MF **A01**

**NUREG-0936-V4-N2**

NRC (Nuclear Regulatory Commission) Regulatory Agenda.

NUREG-0936-V4-N2 **20**-*546,181* PC **A10**/MF **A01**

**NUREG-0940-V3-N3**

Enforcement Actions: Significant Actions Resolved. Quarterly Progress Report, July - September 1984.

NUREG-0940-V3-N3 **03**-*507,162* PC **A13**/MF **A01**

**NUREG-0940-V3-N4**

Enforcement Actions: Significant Actions Resolved, Quarterly Progress Report October-December 1984.

NUREG-0940-V3-N4 **10**-*522,835* PC **A18**/MF **A01**

**NUREG-0940-V4-N1**

Enforcement Actions: Significant Actions Resolved, Quarterly Progress Report January-March 1985.

NUREG-0940-V4-N1 **15**-*534,687* PC **A23**/MF **A01**

**NUREG-0940-V4-N2**

Enforcement Actions: Significant Actions Resolved, Quarterly Progress Report April-June 1985.

NUREG-0940-V4-N2 **21**-*548,878* PC **A16**/MF **A01**

**NUREG-0944-SUP-N1**

Safety Evaluation Report Related to the Full-Term Operating License for R. E. Ginna Nuclear Power Plant, Docket No. 50-244, Rochester Gas and Electric Corporation.

NUREG-0944-SUP-N1 **02**-*504,787* PC **A03**/MF **A01**

**NUREG-0954-SUP-N4**

Safety Evaluation Report Related to the Operation of Catawba Nuclear Station, Units 1 and 2, Docket Nos. 50-413 and 50-414, Duke Power Company, et al. Supplement Number 4.

NUREG-0954-SUP-N4 **05**-*512,352* PC **A10**/MF **A01**

**NUREG-0970**

Procedures for Meeting NRC (Nuclear Regulatory Commission) Antitrust Responsibilities.

NUREG-0970 **17**-*538,919* PC **A03**/MF **A01**

**NUREG-0973**

Technical Specifications for Waterford Steam Electric Station, Unit No. 3, Docket No. 50-382, Appendix A to License No. NPF-26.

NUREG-0973 **07**-*515,462* PC **A22**/MF **A01**

**NUREG-0975-V3**

Compilation of Contract Research for the Materials Engineering Branch, Division of Engineering Technology. Annual Report for 1984.

NUREG-0975-V3 **17**-*538,947* PC **A17**/MF **A01**

**NUREG-0976**

Regulation of Naturally Occurring and Accelerator-Produced Radioactive Materials: An Update.

NUREG-0976 **03**-*507,111* PC **A02**/MF **A01**

**NUREG-0979-SUP-N3**

Safety Evaluation Report Related to the Final Design Approval of the GESSAR II, BWR/6 Nuclear Island Design, Docket No. 50-447, General Electric Company. Supplement No. 3.

NUREG-0979-SUP-N3 **08**-*517,660* PC **A03**/MF **A01**

**NUREG-0979-SUP-N4**

Safety Evaluation Report Related to the Final Design Approval of the GESSAR II, BWR/6 Nuclear Island Design, Docket No. 50-447, General Electric Company. Supplement Number 4.

NUREG-0979-SUP-N4 **20**-*546,403* PC **A05**/MF **A01**

**NUREG-0981-REV-1**

NRC/FEMA (Nuclear Regulatory Commission/Federal Emergency Management Agency) Operational Response Procedures for Response to a Commercial Nuclear Reactor Accident.

NUREG-0981-REV-1 **10**-*522,647* PC **A03**/MF **A01**

**NUREG-0989-SUP-N1**

Safety Evaluation Report Related to the Operation of River Bend Station, Docket No. 50-458, Gulf States Utilities Company, Cajun Electric Power Cooperative. Supplement Number 1.

NUREG-0989-SUP-N1 **03**-*507,163* PC **A03**/MF **A01**

**NUREG-0989-SUP-N2**

Safety Evaluation Report Related to the Operation of River Bend Station, Docket No. 50-458, Gulf States Utilities Company, Cajun Electric Power Cooperative. Supplement Number 2.

NUREG-0989-SUP-N2 **23**-*554,052* PC **A11**/MF **A01**

**NUREG-0989-SUP-N3**

Safety Evaluation Report Related to the Operation of River Bend Station, Docket No. 50-458, Gulf States Utilities Company, Cajun Electric Power Cooperative. Supplement No. 3.

NUREG-0989-SUP-N3 **26**-*561,611* PC **A14**/MF **A01**

**NUREG-0991-SUP-N2**

Safety Evaluation Report Related to the Operation of Limerick Generating Station, Units 1 and 2, Docket Nos. 50-352 and 50-353, Philadelphia Electric Company.

NUREG-0991-SUP-N2 **02**-*504,788* PC **A07**/MF **A01**

**NUREG-0991-SUP-N3**

Safety Evaluation Report Related to the Operation of Limerick Generating Station, Units 1 and 2, Docket Nos. 50-352 and 50-353, Philadelphia Electric Company. Supplement Number 3.

NUREG-0991-SUP-N3 **03**-*507,164* PC **A08**/MF **A01**

**NUREG-0991-SUP-N4**

Safety Evaluation Report Related to the Operation of Limerick Generating Station, Units 1 and 2, Docket Nos. 50-352 and 50-353, Philadelphia Electric Company, Supplement Number 4.

NUREG-0991-SUP-N4 **17**-*539,177* PC **A04**/MF **A01**

**NUREG-0991-SUP-N5**

Safety Evaluation Report Related to the Operation of Limerick Generating Station, Units 1 and 2, Docket Nos. 50-352 and 50-353, Philadelphia Electric Company. Supplement Number 5.

NUREG-0991-SUP-N5 **20**-*546,404* PC **A04**/MF **A01**

**NUREG-0991-SUP-N6**

Safety Evaluation Report Related to the Operation of Limerick Generating Station, Units 1 and 2, Docket Nos. 50-352 and 50-353, Philadelphia Electric Company. Supplement Number 6.

NUREG-0991-SUP-N6 **23**-*554,053* PC **A02**/MF **A01**

**NUREG-1012**

Technical Specifications for Shoreman Nuclear Power Station, Unit No. 1, Docket No. 50-322. Appendix A to License No. NPF-19.

NUREG-1012 **05**-*512,353* PC **A21**/MF **A01**

**NUREG-1021-REV-1**

Operator Licensing Examiner Standards. Revision 1.

NUREG-1021-REV-1 **11**-*523,607* PC **A10**/MF **A01**

**NUREG-1029**

Computer Code for General Analysis of Radon Risks (GARR).

NUREG-1029 **01**-*500,857* PC **A05**/MF **A01**

**NUREG-1031-SUP-N1**

Safety Evaluation Report Related to the Operation of Millstone Nuclear Power Station, Unit No. 3, Docket No. 50-423, Northeast Nuclear Energy Company. Supplement No. 1.

NUREG-1031-SUP-N1 **14**-*532,520* PC **A05**/MF **A01**

**NUREG-1031-SUP-N2**

Safety Evaluation Report Related to the Operation of Millstone Nuclear Power Station, Unit No. 3, Docket No. 50-423, Northeast Nuclear Energy Company. Supplement No. 2.

NUREG-1031-SUP-N2 **26**-*561,612* PC **A05**/MF **A01**

**NUREG-1037**

Containment Performance Working Group (Nuclear Regulatory Commission) Report: Draft Report for Comment.

NUREG-1037 **17**-*538,948* PC **A15**/MF **A01**

**NUREG-1038-SUP-N2**

Safety Evaluation Report Related to the Operation of Shearon Harris Nuclear Power Plant, Unit No. 1, Docket No. STN 50-400, Carolina Power and Light Company, North Carolina Eastern Municipal Power Agency. Supplement Number 2.

NUREG-1038-SUP-N2 **17**-*539,178* PC **A04**/MF **A01**

**NUREG-1044**
Evaluation of the Need for a Rapid Depressurization Capability for Combustion Engineering Plants.
NUREG-1044 **06**-*514,030* PC **A07**/MF **A01**

**NUREG-1047**
Safety Evaluation Report Related to the Operation of Nine Mile Point Nuclear Station, Unit No. 2, Docket No. 50-410, Niagara Mohawk Power Corporation, Rochester Gas and Electric Corporation, Central Hudson Gas and Electric Corporation, New York State Electric and Gas Corporation, Long Island Lighting Company.
NUREG-1047 **10**-*522,836* PC **A99**/MF **A01**

**NUREG-1047-SUP-N1**
Safety Evaluation Report Related to the Operation of Nine Mile Point Nuclear Station, Unit No. 2, Docket No. 50-410, Niagara Mohawk Power Corporation, Rochester Gas and Electric Corporation, Central Hudson Gas and Electric Corporation, New York State Electric and Gas Corporation, Long Island Lighting Company. Supplement No. 1.
NUREG-1047-SUP-N1 **20**-*546,405* PC **A03**/MF **A01**

**NUREG-1048**
Safety Evaluation Report Related to the Operation of Hope Creek Generating Station, Docket No. 50-354, Public Service Electric and Gas Company, Atlantic City Electric Company.
NUREG-1048 **04**-*510,120* PC **A99**/MF **E04**

**NUREG-1048-SUP-N1**
Safety Evaluation Report Related to the Operation of Hope Creek Generating Station, Docket No. 50-354, Public Service Electric and Gas Company, Atlantic City Electric Company. Supplement Number 1.
NUREG-1048-SUP-N1 **12**-*527,845* PC **A05**/MF **A01**

**NUREG-1048-SUP-N2**
Safety Evaluation Report Related to the Operation of Hope Creek Generating Station, Docket No. 50-354, Public Service Electric and Gas Company, Atlantic City Electric Company. Supplement No. 2.
NUREG-1048-SUP-N2 **21**-*548,962* PC **A05**/MF **A01**

**NUREG-1058-REV-1**
Technical Specifications for Callaway Plant, Unit Number 1, Docket Number STN 50-483, Appendix 'A' to License Number NPF-30.
NUREG-1058-REV-1 **03**-*507,165* PC **A21**/MF **A01**

**NUREG-1061-V2**
Report of the U.S. Nuclear Regulatory Commission Piping Review Committee. Volume 2. Evaluation of Seismic Designs - A Review of Seismic Design Requirements for Nuclear Power Plant Piping.
NUREG-1061-V2 **16**-*536,675* PC **A09**/MF **A01**

**NUREG-1061-V2-ADD**
Report of the U.S. Nuclear Regulatory Commission Piping Review Committee. Volume 2 (Addendum). Summary and Evaluation of Historical Strong-Motion Earthquake Seismic Response and Damage to Aboveground Industrial Piping.
NUREG-1061-V2-ADD **16**-*536,676* PC **A10**/MF **A01**

**NUREG-1061-V3**
Report of the U.S. Nuclear Regulatory Commission Piping Review Committee. Volume 3. Evaluation of Potential for Pipe Breaks.
NUREG-1061-V3 **04**-*510,121* PC **A15**/MF **A01**

**NUREG-1061-V4**
Report of the U.S. Nuclear Regulatory Commission Piping Review Committee. Volume 4. Evaluation of Other Dynamic Loads and Load Combinations.
NUREG-1061-V4 **07**-*515,463* PC **A17**/MF **A01**

**NUREG-1061-V5**
Report of the U.S. Nuclear Regulatory Commission Piping Review Committee. Volume 5. Summary - Piping Review Committee Conclusions and Recommendations.
NUREG-1061-V5 **16**-*536,677* PC **A04**/MF **A01**

**NUREG-1064**
Final Environmental Statement Related to the Operation of Millstone Nuclear Power Station, Unit No. 3, Docket No. 50-423, Northeast Nuclear Energy Company, et al.
NUREG-1064 **07**-*515,371* PC **A17**/MF **A01**

**NUREG-1065-REV-1**
Acceptance Criteria for the Low Enriched Uranium Reform Amendments. Revision 1.
NUREG-1065-REV-1 **14**-*532,535* PC **A04**/MF **A01**

**NUREG-1069**
Safety Evaluation Report Related to the Renewal of the Operating License for the General Electric-Nuclear Test Reactor (GE-NTR), Docket No. 50-73.
NUREG-1069 **01**-*502,305* PC **A05**/MF **A01**

**NUREG-1070**
NRC (Nuclear Regulatory Commission) Policy on Future Reactor Designs. Decisions on Severe Accident Issues in Nuclear Power Plant Regulation.
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**NWC-TP-6611**
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AD-A153 461/9 **16**-*536,038* PC **A04**/MF **A01**

**NWC-TP-6612**
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AD-A152 478/4 **14**-*531,720* PC **A02**/MF **A01**

**NWC-TP-6618**
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**NWC-TP-6621**
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**NWC-TP-6636**
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**OA-TR-2537**
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**OA-TR-2554**
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**OA-TR-2665**
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**OA-TR-2724**
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DE85901479 **26**-*561,018* PC **A02**/MF **A01**

**OA-TR-2728**
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DE85901486 **25**-*558,600* PC **A02**/MF **A01**

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N85-23806/1 **17**-*538,708* PC **A05**/MF **A01**

**OAC/TR-20**
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**OAEP-1-102**
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**OAEP-1-106**
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**OCC-ARR-9**
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PB85-144640 **07**-*514,509* PC **A07**/MF **A01**

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DE85900316 **09**-*519,647* PC **A99**/MF **A01**

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PB85-237253 **25**-*558,095* PC **A02**/MF **A01**

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PB85-111474 **02**-*503,668* PC **A02**/MF **A01**

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**OCS/MMS-84/0049-1**

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PB85-150811 **09**-*518,963* PC **A11**/MF **A01**

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PB85-234631 **23**-*552,717* PC **A03**/MF **A01**

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**OEFZS-4265**

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DE84703145 **05**-*511,982* PC **A03**/MF **A01**

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PB85-117778 **03**-*505,624* PC **E03**/MF **E03**

**OEFZS-4268**

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**OEFZS-4274**

Method for Non Contacting Gauging of the Wall Thickness of Tubes by Backscattering of Radiation.

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Method for Non Contacting Gauging of the Wall Thickness of Tubes by Backscattering Radiation.

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Operating Experience with Potassium Systems.

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Operating Experience with Potassium Systems.

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DE84703142 **08**-*516,319* PC **A02**/MF **A01**

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DE85780534 **17**-*539,124* PC **A03**/MF **A01**
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N85-14093/7 **08**-*517,774* PC **A03**/MF **A01**

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DE85780606 **15**-*534,567* PC **A02**/MF **A01**

**OEFZS-4298**
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N85-29846/1 **21**-*547,324* PC **A03**/MF **A01**

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DE85701513 **23**-*553,989* PC **A04**/MF **A01**

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N85-31564/6 **23**-*554,054* PC **A04**/MF **A01**

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**OEFZS-4312**
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N85-33550/3 **26**-*561,248* PC **A03**/MF **A01**

**OEFZS-4317**
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N85-33615/4 **26**-*561,056* PC **A02**/MF **A01**

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AD-A153 775/2 **16**-*535,7[illegible]1* PC **A03**/MF **A01**

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AD-A148 534/1 **05**-*511,105* PC **A05**/MF **A01**

**OEHL-85-028CV111ARA**
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AD-A149 717/1 **09**-*518,773* PC **A02**/MF **A01**

**OEHL-85-029CV111ARA**
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AD-A149 718/9 **09**-*518,626* PC **A02**/MF **A01**

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AD-A154 567/2 **18**-*540,965* PC **A02**/MF **A01**

**OEHL-296EQ305HSB**
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AD-A146 152/4 **01**-*501,725* PC **A03**/MF **A01**

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**OH-82-311-K**
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DE85700600 **18**-*541,502* PC **A03**/MF **A01**

**OH-83-319-K**
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**OH-83-457-K**
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**OHDS/OPD-82-12**
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PB85-174480 **13**-*528,661* PC **A07**/MF **A01**

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PB85-108009 **02**-*503,835* PC **A02**/MF **A01**

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PB85-102093 **02**-*503,830* PC **A04**/MF **A01**

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PB85-108074 **02**-*503,836* PC **A02**/MF **A01**

**OIT/FSTC-84/295**
Four Phase Systems, Inc., Four Phase Series 5000, COBOL '74 Version BE08.8.
PB85-108017 **03**-*506,136* PC **A04**/MF **A01**

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PB85-108025 **03**-*506,137* PC **A04**/MF **A01**

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PB85-108058 **03**-*506,138* PC **A03**/MF **A01**

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PB85-108066 **03**-*506,139* PC **A02**/MF **A01**

**OIT/FSTC-84/325**
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PB85-110310 **03**-*506,169* PC **A04**/MF **A01**

**OIT/FSTC-84/326**
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PB85-110328 **03**-*506,170* PC **A02**/MF **A01**

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AD-A153 684/6 **16**-*535,999* PC **A03**/MF **A01**
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PB85-110815 **03**-*506,172* PC **A03**/MF **A01**

**OIT/FSTC-84/502**
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PB85-110823 **02**-*503,837* PC **A03**/MF **A01**

**OIT/FSTC-84/503**
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PB85-108868 **03**-*506,146* PC **A03**/MF **A01**

**OIT/FSTC-84/504**
Micro Focus Fortune 32:16 High Performance Level II COBOL; V2.5
PB85-108892 **03**-*506,149* PC **A03**/MF **A01**

**OIT/FSTC-84/505**
Micro Focus DEC Rainbow 100+ High Performance Level II COBOL; V2.5.
PB85-108983 **03**-*506,158* PC **A03**/MF **A01**

**OIT/FSTC-84/506**
Micro Focus IBM Personal Computer XT High Performance Level II COBOL; V2.5.
PB85-108926 **03**-*506,152* PC **A03**/MF **A01**

**OIT/FSTC-84/507**
Micro Focus Cifer 2887 High Performance Level II COBOL; V2.5.
PB85-108959 **03**-*506,155* PC **A03**/MF **A01**

**OIT/FSTC-84/508**
Micro Focus Plessey Micro Systems 68/50 High Performance Level II COBOL; V2.5.
PB85-108942 **03**-*506,154* PC **A03**/MF **A01**

**OIT/FSTC-84/509**
Micro Focus Fortune 32:16 Compact Level II COBOL; V2.5.
PB85-108884 **03**-*506,148* PC **A03**/MF **A01**

**OIT/FSTC-84/510**
Micro Focus DEC Rainbow 100+ Compact Level II COBOL; V2.5.
PB85-108975 **03**-*506,157* PC **A03**/MF **A01**

**OIT/FSTC-84/511**
Micro Focus Cifer 2887 Compact Level II COBOL; V2.5.
PB85-108967 **03**-*506,156* PC **A03**/MF **A01**

**OIT/FSTC-84/512**
Micro Focus Plessey Micro Systems 68/50 Compact Level II COBOL; V2.5.
PB85-108934 **03**-*506,153* PC **A03**/MF **A01**

**OIT/FSTC-84/513**
Micro Focus IBM Personal Computer XT Compact Level II COBOL; V2.5.
PB85-108918 **03**-*506,151* PC **A03**/MF **A01**

**OIT/FSTC-84/514**
Micro Focus Intel Microprocessor Development System MDS221 Compact Level II COBOL; V2.5.
PB85-108900 **03**-*506,150* PC **A03**/MF **A01**

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AD-A153 746/3 **16**-*536,002* PC **A03**/MF **A01**

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PB85-108876 **03**-*506,147* PC **A03**/MF **A01**

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DE85007753 **20**-*545,387* PC **A15**/MF **A01**

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DE85013333 **25**-*558,326* PC **A15**/MF **A01**

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PB85-199677 **18**-*539,959* PC **A04**/MF **A01**

**OMB/OIRA-85/01**
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PB85-218055 **21**-*547,328* PC **A20**/MF **A01**

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**OMD/HVM-83**
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N84-34002/5 **01**-*501,238* PC **A03**/MF **A01**

**OME-84/1**
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PB85-148815 **08**-*516,910* PC **A13**/MF **A01**

**OMI-102**
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AD-A150 682/3 **11**-*523,352* PC **A10**/MF **A01**

**OMI-116**
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AD-A155 484/9 **19**-*544,034* PC **A07**/MF **A01**

**ONERA-NT-17/3064-RY-070-R**

Extension de la Methode des Petites Perturbations Transsoniques Instationnaires Tridimensionelles au Cas des Voilures Reelles (Extension of the Small Perturbations Method in Three-Dimensional Transonic, Unsteady Flow to the Case of Real Wings).
N85-31017/5 **23**-*551,884* PC **A03**/MF **A01**

**ONERA-NT-175**

Vortex Bursting.
N85-10008/9 **03**-*505,276* PC **A04**/MF **A01**

**ONERA-NT-1982-6**

Finite Difference Method for Inverse Mode Calculations of a Three-Dimensional Boundary Layer.
N85-18007/3 **12**-*527,922* PC **A08**/MF **A01**

**ONERA-NT-1982-7**

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N85-18524/7 **12**-*526,008* PC **A08**/MF **A01**

**ONERA-NT-1982-8**

Contribution of the Study of Light Aircraft Propeller Noise.
N85-18667/4 **12**-*525,889* PC **A08**/MF **A01**

**ONERA-NT-1983-4**

Possible Uses of Tunable Diode Lasers in Infrared Spectroscopy.
N85-25818/4 **18**-*541,334* PC **A09**/MF **A01**

**ONERA-NT-1983-5**

S2ma Wind Tunnel at the Modane-Avrieux Aerodynamic Test Center.
N85-18071/9 **12**-*527,486* PC **A04**/MF **A01**

**ONERA-NT-1983-6**

Computation of Noise Radiation from a Free Jet Perpendicular to Its Axis Via Laser Anemometry Measurements.
N85-18669/0 **12**-*525,890* PC **A04**/MF **A01**

**ONERA-NT-1983-8**

Contribution to the Study of a Numerical Implicit Method for Solving the Euler Equations.
N85-19771/3 **13**-*530,329* PC **A07**/MF **A01**

**ONERA-NT-1984-1,**

Contribution to the Study of Perturbational Stabilization.
N85-20781/9 **14**-*531,936* PC **A09**/MF **A01**

**ONERA-NT-1984-2**

Robustness of Discrete-Time Dynamical Systems: Application to the Multivariable Digital Control of Combat Aircraft.
N85-19986/7 **14**-*530,794* PC **A07**/MF **A01**

**ONERA-NT-1984-3**

Model of Normal and Erosive Burning of Composite Propellants.
N85-24024/0 **17**-*539,235* PC **A07**/MF **A01**

**ONERA-P-1982-1**

Principle of Virtual Work and Associated Variational Principles.
N85-18428/1 **12**-*528,073* PC **A04**/MF **A01**

**ONERA-P-1983-2**

ONERA Establishment at Cannes in the Service of Aeronautical Research.
N85-25276/5 **18**-*541,330* PC **A10**/MF **A01**

**ONERA-P-1983-3**

Resonant Coherent Anti-Stokes Raman Scattering.
N85-25466/2 **18**-*540,350* PC **A10**/MF **A01**

**ONERA-P-1983-4**

Pseudo-Unsteady Systems for Steady Inviscid Flows.
N85-25782/2 **18**-*541,686* PC **A05**/MF **A01**

**ONERA-PV-1/0772-GY**

Essais de l'Avion Petit Canard Reel dans la Veine 3-47 M2 de la Soufflerie Sima, Mai 1984 (Real Scale Test of the Petit Canard Aircraft in the Number 3 Section, 47 Sqm, of the Sima Wind Tunnel, May 1984).
N85-31018/3 **23**-*551,885* PC **A05**/MF **A01**

Essais de l'Avion 'Petit Canard' Reel dans la Veine no. 3-47 sq m de la Soufflerie S1MA (Tests on the Full-Scale 'Petit Canard' Airplane in the No. 3-47 sq m Section of the S1MA Wind Tunnel),
PB85-159200 **11**-*523,228* PC **E05**/MF **E05**

**ONERA-PV-1/8068-GY**

Qualification de la Balance de Paroi du Chariot 1 de Sima, Adaptee pour les Essais de 1/2 Maquettes Motorisees Par Turbines a Air Comprime (Tps) (Qualification of a Wall Gage for the Sima Wagon, Adapted to the Test of Half Models Motorized by Compressed Air Turbines).
N85-26677/3 **19**-*543,683* PC **A03**/MF **A01**

Qualification de la Balance de Paroi du Chariot 1 de S1MA, Adaptee pour les Essais de 1/2 Maquettes Motorisees par Turbines a Air Comprime (TPS)(Qualification of the Wall Balance of the S1MA Carrier, Adapted to 1/2 Motorized TPS Models),
PB85-172815 **12**-*527,499* PC **E04**/MF **E04**

**ONERA-PV-1/8138-GY**

Mesures d'Ascendance et de Derapage dans la Veine No. 2 de Sima (Aerodynamic Measurement of the Wind Flow in the Number Two Section of the Sima Wind Tunnel).
N85-31019/1 **23**-*551,886* PC **A02**/MF **A01**

**ONERA-RF-9/7236-PY**

Etude des Mecanismes d'Autopropagation d'une Decharge de Surface (Study of the Self-Propagation Mechanisms of a Surface Discharge).
PB85-176261 **14**-*532,566* PC **E04**/MF **E04**

**ONERA-RF-30/7132-PY**

Degradation Irreversible des Performances des Resonateurs a Quartz (Synthese Bibliographique) (Irreversible Deterioration of Quartz Resonator Performance (Literature Review)).
PB85-176279 **14**-*531,655* PC **E05**/MF **E05**

**ONERA-RF-88/7154-PY**

Foudroiement des Aeronefs. Exploitation Trip 82. Interferometrie Electromagnetique a 3 Dimensions (Lightning Strikes on Aircraft. The Trip 82 Experiment and 3-Dimensional Electromagnetic Interferometry).
N85-26690/6 **19**-*542,081* PC **A11**/MF **A01**

Foudroiement des Aeronefs. Exploitation TRIP 82 et Interferometrie Electromagnetique a 3 Dimensions (Lightning Bolts on Aircraft. TRIP 82 Operation - Three-dimensional Electromagnetic Interferometry),
PB85-160513 **12**-*526,011* PC **E11**/MF **E11**

**ONERA-RS/87/7154/PY**

Avion de Recherches Atmospheriques (Atmospheric Research Aircraft).
N85-20596/1 **14**-*530,932* PC **A06**/MF **A01**

**ONERA-RSF-8/0791-GY**

Essai de la Balance Cryogenique ONERA dans la Soufflerie T2 du CERT (Test of the Cryogenic ONERA Scale in the T2 Windtunnel of CERT).
PB85-216240 **20**-*546,006* PC **E04**/MF **E04**

**ONERA-RT-2/3587-CY**

Visualisation de Resultats de Calcul. Definition Dun Satellite Graphique (Visualization of Computation Results. Definition of a Graphics Satellite Computer).
N85-31845/9 **23**-*554,542* PC **A03**/MF **A01**

Visualisation de Resultats de Calcul. Definition d'un Satellite Graphique (Visualization of Calculation Results. Definition of a Graphic Satellite),
PB85-172799 **13**-*529,208* PC **E04**/MF **E04**

**ONERA-RT/3/3346/M**

Caracterisation de la Structure du Reseau Dune Resine Epoxy Durcie (Systeme TGMDA/DDS) (Characterization of the Network Structure of a Hardened Epoxy Resin (TGMDA/DDS System)).
N85-20140/8 **14**-*531,506* PC **A07**/MF **A01**

**ONERA-RT-3/3567-RY**

Analyse Critique de la Restitution de la Turbulence a Partir de Mesures d'Acceleration (Critical Analysis of the Turbulence Restitution from Acceleration Measurements),
PB85-244317 **26**-*559,983* PC **E04**/MF **E04**

**ONERA-RT-4/2894-RN**

Couplage Structure: Fluide Interne dans le Domaine des Moyennes Frequences (Structure: Internal Fluid Coupling in the Medium Frequency Range),
PB85-216752 **20**-*545,868* PC **E04**/MF **E04**

**ONERA-RT-5/3568-EN**

Results of S5 CH Tests with an ARL (Aerospace Research Laboratory) Cascade.
N85-16882/1 **11**-*524,804* PC **A03**/MF **A01**

**ONERA-RT-11/1784-M**

Evaluation de la Resine Psp Comme Precurseur de Carbone (Evaluation of the PSP Resin as a Precursor of Carbon).
N85-26932/2 **19**-*543,191* PC **A03**/MF **A01**

Evaluation de la Resine PSP comme Precurseur de Carbone (Evaluation of PSP Resin as Carbon Precursor),
PB85-172807 **12**-*527,090* PC **E04**/MF **E04**

**ONERA-RT/11/7224/SY**

Robustesse des Regulateurs de Pilotage Multivariables (Robustness of Continuous Multivariable Flight Controls).
N85-19988/3 **14**-*530,796* PC **A08**/MF **A01**

**ONERA-RT-12/5115-RY**

Etude Preliminaire en Soufflerie de l'Influence d'un Jet sur l'Aerodynamique Instationnaire d'un Reacteur (Preliminary Windtunnel Study of the Effect of a Jet on the Unstable Aerodynamics of a Reactor),
PB85-159226 **11**-*523,229* PC **E04**/MF **E04**

**ONERA-RT-12/5115-RY-230-R-231G**

Etude Preliminaire en Soufflerie de l'Influence d'UN Jet sur l'Aerodynamique Instationnaire d'UN Reacteur (Preliminary Wind Tunnel Study of the Influence of a Jet on the Unsteady Aerodynamics of a Turbojet Engine).
N85-26679/9 **19**-*542,075* PC **A03**/MF **A01**

**ONERA-RT/12/7224/SY**

Robustesse des Regulateurs de Pilotage Multivariables Continus (Robustness of Continuous Multivariable Flight Controls).
N85-19987/5 **14**-*530,795* PC **A03**/MF **A01**

**ONERA-RT-16/5108-RY-051**

Etude de Synthese. Validation d'UN Generateur de Rafale en Presence d'Une Maquette en Soufflerie (Synthesis Study: Validation of a Gust Generator in the Presence of a Model in a Wind Tunnel).
N85-26678/1 **19**-*543,684* PC **A03**/MF **A01**

**ONERA-RT-16/5108-RY-053**

Etude de Synthese. Validation d'UN Generateur de Rafale en Presence d'Une Maquette en Soufflerie (Synthesis Study: Validation of a Gust Generator in the Presence of a Model in a Wind Tunnel).
N85-26678/1 **19**-*543,684* PC **A03**/MF **A01**

**ONERA-RT-17/1841-RY**

Etude Theorique du Probleme Instationnaire Lineaire pour une Aile Rectangulaire Animee d'un Mouvement de Tangage (Theoretical Study of the Non-Stationary Linear Problem for a Rectangular Wing with Pitch Movement).
PB85-216729 **20**-*544,489* PC **E04**/MF **E04**

**ONERA-RT-17/3064-RY**

Extension de la Methode des Petites Pertubations Transsoniques Instationnaires Tridimensionnelles au Cas des Voilures Reelles (Extension of the Method of Small Unstable Three-Dimensional Transonic Disturbances to the Case of Actual Wing Assemblies),
PB85-161727 **11**-*523,230* PC **E04**/MF **E04**

**ONERA-RT-18/7184-SY**

Endommagement Mecanique des Verres par Rayonnement Laser Continu ou Impulsionnel (Mechanical Damages to Glasses by Continuous or Pulsed Laser Radiation),
PB85-172880 **13**-*529,441* PC **E04**/MF **E04**

**ONERA-RT-19/5069-M**

Influence de la Recrystallisation et de la Mise en Solution sur la Tenacite des Alliages 7010 et 7475. Fatigue Oligocyclique de l'Alliage 7010 (Influence of Recrystallization and Solution on the Tenacity of the 7010 and 7475 Alloys. Olygocyclic Fatigue of the 7010 Alloy).
N85-31289/0 **23**-*553,164* PC **A02**/MF **A01**

Influence de la Recristallisation et de la Mise en Solution sur la Tenacite des Alliages 7010 et 7475; Fatigue Oligocyclique de l'Alliage 7010 (Influence of Recrystallization and Dissolving on the Strength of Alloys 7010 and 7475; Oligocyclic Fatigue of Alloy 7010),
PB85-199222 **17**-*538,289* PC **E04**/MF **E04**

Influence de la Recristallisation et de la Mise en Solution sur la Tenacite des Alliages 7010 et 7475. Fatigue Oligocyclique de L'Alliage 7010 (Influence of Recrystallization and Dissolving Start on the Strength of Alloys 7010 and 7475. Oligocyclic Fatigue of Alloy 7010),
PB85-221737 **21**-*548,173* PC **E04**/MF **E04**

**ONERA-RT-20/7135-EY**

Code Disco-2 pour la Prediction du Comportement de Particules Discretes dans un Ecoulement Turbulent (Disco-2 Code for Prediction of the Behavior of Discrete Particles in a Turbulent Flow),
PB85-216695 **20**-*546,511* PC **E09**/MF **E09**

**ONERA-RT-22/7169-RY**

Etude Numerique de la Rupture Ductile en Contraintes Planes (Numerical Study on Ductile Rupture under Planar Constraints),
PB85-199214 **17**-*539,498* PC **E04**/MF **E04**

**ONERA-RT-22/7169-RY-070-R**

Etude Numerique de la Rupture Ductile en Contraintes Planes (Numerical Study of Tensile Fracture in Plane Stress).
N85-31563/8 **23**-*554,300* PC **A03**/MF **A01**

**ONERA-RT-23/7169-RY**

Etude Numerique de la Rupture Ductile en Deformations Planes (Numerical Study of Ductile Rupture in Plane Deformations),
PB85-172864 **12**-*528,074* PC **E04**/MF **E04**

**ONERA-RT-23/7169-RY-072-R**

Etude Numerique de la Rupture Ductile en Deformations Planes (Numerical Study of Ductile Rupture in Plane Deformations).
N85-31557/0 **23**-*554,297* PC **A03**/MF **A01**

**ONERA-RT-24/5122-SY**

Apprentissage et Auto-Adaptation Appliques a la Simulation du Pilote Humain (Learning and Self Adaptation Applied to the Simulation of a Human Pilot).
N85-31828/5 **23**-*552,185* PC **A04**/MF **A01**

**ONERA-RT-25/1736-AY-108-A**

Rapport de Fin de Fabrication de la Demi-Aile Hypersustentee a Fleche Variable (Manufacturing Report of an Augmented Lift, Variable Deflection Half Wing).
N85-13766/9 **08**-*515,747* PC **A02**/MF **A01**

**ONERA-RT/27/1147/AY**

Recherche Experimentale Dun Critere Declatement pour UN Tourbillon en Ecoulement Incompressible (Experimental Investigation of a Breakdown Criterion for a Vortex in an Incompressible Flow).
N85-19935/4 **14**-*530,744* PC **A03**/MF **A01**

**ONERA-RT/40/7086/M**

Interaction Fatigue-Fluage dans les Composites Carbone/Resine + ou - 45 Deg (Fatigue-Creep Interaction in + or - 45 Deg Carbon-Resin Composites).
N85-20027/7 **14**-*531,841* PC **A04**/MF **A01**

**ONERA-RTS-16/3232-RY**

Decollement Bidimensionnel dans un Fluide Incompressible (Two Dimensional Separation in an Incompressible Fluid),
PB85-161685 **11**-*525,362* PC **E05**/MF **E05**

**ONERA-RTS-16/3232-RY-026-R**

Decollement Bidimensionnel dans un Fluide Incompressible (Two-Dimensional Separation in an Incompressible Fluid).
N85-31459/9 **23**-*554,201* PC **A05**/MF **A01**

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PB85-161677 **11**-*524,819* PC **E04**/MF **E04**

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N85-26719/3 **19**-*544,330* PC **A03**/MF **A01**

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**ONR-TR-6**

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AD-A146 455/1 **01**-*501,309* PC **A02**/MF **A01**

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AD-A152 456/0 **14**-*532,688* PC **A02**/MF **A01**

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**ONRL-C-4-85**

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PB85-166460 **10**-*521,609* PC **A03**/MF **A01**

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PB85-228351 **22**-*550,695* PC **E03**/MF **E03**

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AD-A153 162/3 **15**-*533,145* PC **A03**/MF **A01**

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**OPNAV-NOTE-3905-6**

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AD-A153 164/9 **15**-*533,078* PC **A05**/MF **A01**

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AD-A153 165/6 **15**-*533,147* PC **A04**/MF **A01**

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**ORAE-EXTRA-MURAL PAPER-32**

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**ORC-83-11**

Bayesian Estimation of Undetected Errors.

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**ORC-84-2**

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**ORC-85-3**

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**ORC-85-4**

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AD-A157 296/5 **23**-*552,791* PC **A02**/MF **A01**

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AD-A158 688/2 **25**-*558,555* PC **A02**/MF **A01**

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Reassessment of the Excess Capacity Issue.

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AD-A149 391/5 **08**-*517,357* PC **A02**/MF **A01**

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AD-A149 370/9 **08**-*517,338* PC **A04**/MF **A01**

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AD-A149 208/1 **08**-*517,335* PC **A04**/MF **A01**

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DE85006982 **13**-*529,300* PC **A07**/MF **A01**

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DE84017644 **04**-*509,285* PC **A07**/MF **A01**

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DE84016675 **02**-*504,214* PC **A04**/MF **A01**

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DE85003609 **09**-*519,527* PC **A06**/MF **A01**

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DE85000474 **05**-*511,784* PC **A04**/MF **A01**

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DE84016646 **02**-*505,224* PC **A07**/MF **A01**

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DE85006357 **12**-*526,989* PC **A03**/MF **A01**

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DE84016644 **02**-*504,208* PC **A05**/MF **A01**

**ORNL/CON-161**

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DE85003634 **08**-*516,751* PC **A05**/MF **A01**

**ORNL/CON-162**

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DE85013536 **23**-*553,276* PC **A03**/MF **A01**

**ORNL/CON-164**

Use of Electricity Billing Data to Determine Household Energy Use Fingerprints.

DE84017470 **03**-*506,268* PC **A03**/MF **A01**

**ORNL/CON-165**

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DE85000159 **09**-*519,504* PC **A03**/MF **A01**

**ORNL/CON-166**

Three Years after Participation: Electricity Savings Due to the BPA Residential Weatherization Pilot Program.

DE85004773 **11**-*524,321* PC **A04**/MF **A01**

**ORNL/CON-168**

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DE85004770 **11**-*524,320* PC **A03**/MF **A01**

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DE85004925 **12**-*526,983* PC **A04**/MF **A01**

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DE85006955 **13**-*529,299* PC **A04**/MF **A01**

**ORNL/CON-171**

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DE85008771 **13**-*529,609* PC **A05**/MF **A01**

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DE85014886 **25**-*558,330* PC **A04**/MF **A01**

**ORNL/CON-180**

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DE85013540 **23**-*552,954* PC **A06**/MF **A01**

**ORNL/CON-181**

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Indoor Temperature Changes after Retrofit: Inferences Based on Electricity Billing Data for Nonparticipants and Participants in the BPA Residential Weatherization Program.

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DE85015031 **24**-*555,906* PC **A04**/MF **A01**

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DE84017646 **03**-*507,176* PC **A04**/MF **A01**

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DE85003793 **09**-*520,150* PC **A04**/MF **A01**

**ORNL/CSD/TM-220**

GROTESQUE Without Tears.

DE84017647 **03**-*507,013* PC **A02**/MF **A01**

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DE85004325 **09**-*519,966* PC **A05**/MF **A01**

**ORNL/CSD/TM-224**

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DE85006358 **13**-*530,048* PC **A04**/MF **A01**

**ORNL/CSD/TM-225**

Review of PGDP Assessment of Criticality Safety Problems in Increasing Product Assay to 5 Wt % sup 235 U.

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**ORNL/TM-8675**
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DE84016643 **02**-*505,188* PC **A04**/MF **A01**

**ORNL/TM-8723**
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DE84016577 **02**-*503,306* PC **A03**/MF **A01**

**ORNL/TM-8726**
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DE85005680 **13**-*529,363* PC **A13**/MF **A01**

**ORNL/TM-8835**
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DE85001495 **05**-*511,836* PC **A03**/MF **A01**

**ORNL/TM-8858**
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DE85006523 **12**-*526,373* PC **A05**/MF **A01**

**ORNL/TM-8864**
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DE85004945 **11**-*523,299* PC **A05**/MF **A01**

**ORNL/TM-8869**
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NUREG/CR-3442 **26**-*561,521* PC **E13**/MF **A01**

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DE85004391 **09**-*520,142* PC **A04**/MF **A01**

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DE85002865 **08**-*516,882* PC **A04**/MF **A01**

**ORNL/TM-8904**

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DE84016583 **02**-*503,384* PC **A08**/MF **A01**

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NUREG/CR-3471 **03**-*507,044* PC **A09**/MF **A01**

**ORNL/TM-8938**

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DE85012066 **20**-*546,867* PC **A02**/MF **A01**

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DE85001698 **06**-*513,511* PC **A03**/MF **A01**

**ORNL/TM-8946**

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DE85001731 **04**-*509,628* PC **A05**/MF **A01**

**ORNL/TM-8954**

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DE85003817 **11**-*525,697* PC **A09**/MF **A01**

**ORNL/TM-8955**

Calculations of Sodium Aerosol Concentrations at Breeder Reactor Air Intake Ports.
DE85006052 **12**-*527,815* PC **A03**/MF **A01**

**ORNL/TM-8959**

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DE85008759 **14**-*531,826* PC **A06**/MF **A01**

**ORNL/TM-8977**

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DE84016555 **02**-*504,772* PC **A05**/MF **A01**

**ORNL/TM-8983**

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DE85003546 **08**-*517,554* PC **E06**/MF **A01**

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DE85005665 **12**-*527,757* PC **A06**/MF **A01**

**ORNL/TM-9016**

Interfacial Segregation and Fracture.
DE85009779 **16**-*536,141* PC **A04**/MF **A01**

**ORNL/TM-9030**

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DE84016554 **02**-*504,771* PC **A05**/MF **A01**

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DE84016581 **09**-*518,794* PC **A02**/MF **A01**

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DE84017642 **03**-*506,650* PC **A16**/MF **A01**

**ORNL/TM-9041-VOL-2**

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NUREG/CR-3626-V2 **14**-*532,512* PC **A14**/MF **A01**

**ORNL/TM-9045**

Analysis of Weldment Mechanical Properties of Modified 9 Cr-1 Mo Steel.
DE85012618 **25**-*558,425* PC **A03**/MF **A01**

**ORNL/TM-9046**

Ultrasonic Characterization of Advanced Composite Flywheels.
DE85000158 **05**-*511,637* PC **A05**/MF **A01**

**ORNL/TM-9052**

Exposure of Tubular Ceramic Heat Exchanger Materials to Refractory Coal Ash from Coal-Oil-Mixture Combustion.
DE84017290 **03**-*506,373* PC **A04**/MF **A01**

**ORNL/TM-9054**

Local Stability Tests in Dresden 2 Boiling Water Reactor.
DE84010612 **02**-*504,763* PC **A03**/MF **A01**

**ORNL/TM-9060**

ORNL (Oak Ridge National Laboratory) Resource Conservation and Recovery Training Program.
DE85000167 **07**-*514,526* PC **A04**/MF **A01**

**ORNL/TM-9062**

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DE85000161 **07**-*514,692* PC **A07**/MF **A01**

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NUREG/CR-3651 **17**-*539,155* PC **A04**/MF **A01**

**ORNL/TM-9070**

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DE85005667 **11**-*523,909* PC **A07**/MF **A01**

**ORNL/TM-9074**

Environmental Risk Analysis for Direct Coal Liquefaction.
DE85005668 **12**-*526,500* PC **A08**/MF **A01**

**ORNL/TM-9077**

ORNL (Oak Ridge National Laboratory) Pocket Meter Program: Internal Operating Procedures.
DE85003790 **08**-*517,467* PC **A02**/MF **A01**

**ORNL/TM-9083**

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DE84016578 **02**-*504,971* PC **A07**/MF **A01**

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DE85004938 **11**-*525,532* PC **A02**/MF **A01**

**ORNL/TM-9092**

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DE85003816 **12**-*527,255* PC **A12**/MF **A01**

**ORNL/TM-9096**

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DE85001694 **05**-*511,155* PC **A07**/MF **A01**

**ORNL/TM-9097**

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DE85009457 **15**-*534,814* PC **A03**/MF **A01**

**ORNL/TM-9099**

2240-MW(TH) High-Temperature Reactor Core Power Density Study.
DE85001738 **07**-*515,443* PC **A02**/MF **A01**

**ORNL/TM-9108**

Weldability and Mechanical Property Characterization of Weld Clad Alloy 800H Tubesheet Forging.
DE85001737 **05**-*512,330* PC **A02**/MF **A01**

**ORNL/TM-9110**

ELMO Bumpy Square.
DE85000664 **11**-*524,950* PC **A11**/MF **A01**

**ORNL/TM-9115**

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DE85003812 **08**-*516,898* PC **A03**/MF **A01**

**ORNL/TM-9116**

Laboratory Stress Corrosion Cracking Studies in Polythionic Acid.
DE85002245 **05**-*511,698* PC **A03**/MF **A01**

**ORNL/TM-9118**

Assessment of Purex Solvent Cleanup Methods Using a Mixer-Settler System.
DE85003514 **09**-*520,010* PC **A04**/MF **A01**

**ORNL/TM-9120**

Environmental Risk Analysis for Indirect Coal Liquefaction.
DE85004767 **10**-*521,558* PC **A07**/MF **A01**

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DE84016573 **02**-*505,034* PC **A03**/MF **A01**

**ORNL/TM-9134**

Assessment of the Performance of Instrumentation, Materials, and Components in the Bi-Gas Coal Gasification Pilot Plant.
DE85003810 **08**-*516,897* PC **A05**/MF **A01**

**ORNL/TM-9135**

Design, Construction, and Testing of a 2000 Deg C Furnace and Fission Product Collection System,
NUREG/CR-3715 **03**-*507,206* PC **A04**/MF **A01**

**ORNL/TM-9146**

Site Characterization Techniques Used at a Low-Level Waste Shallow Land Burial Field Demonstration Facility.
DE84016742 **02**-*504,694* PC **A08**/MF **A01**

**ORNL/TM-9149**

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NUREG/CR-3728 **07**-*514,989* PC **A02**/MF **A01**

**ORNL/TM-9150**

Environmental Effects of the Uranium Fuel Cycle: A Review of Data for Technetium.
NUREG/CR-3738 **11**-*525,205* PC **A07**/MF **A01**

**ORNL/TM-9153**

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DE85001692 **04**-*510,015* PC **A03**/MF **A01**

**ORNL/TM-9154/V2**

Heavy-Section Steel Technology Program Semiannual Progress Report for April-September 1984,
NUREG/CR-3744-V2 **07**-*515,453* PC **A11**/MF **A01**

**ORNL/TM-9157**

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NUREG/CR-3763 **01**-*502,225* PC **A03**/MF **A01**

**ORNL/TM-9159**

Stratigraphic and Structural Data for the Conasauga Group and the Rome Formation on the Copper Creek Fault Block Near Oak Ridge, Tennessee: Preliminary Results from Test Borehole ORNL-JOY No. 2.
DE85013538 **23**-*553,919* PC **A05**/MF **A01**

**ORNL/TM-9161**

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DE85003798 **11**-*525,233* PC **A02**/MF **A01**

**ORNL/TM-9163**

BWR-LTAS: A Boiling Water Reactor Long-Term Accident Simulation Code.
NUREG/CR-3764 **10**-*522,829* PC **A08**/MF **A01**

**ORNL/TM-9164**

Theoretical and Numerical Studies of Magnetic Field Line Displacements in an Elmo Bumpy Torus.
DE85008757 **15**-*534,534* PC **A03**/MF **A01**

**ORNL/TM-9165**

Allocation and Apportionment of Joint-Use Cost to Power: A Report on the Assessment of Headwater Benefits Charges.
DE85001733 **04**-*509,314* PC **A04**/MF **A01**

**ORNL/TM-9166**

Determination of Damage Exposure Parameter Values in the PSF (Poolside Facility) Metallurgical Irradiation Experiment,
NUREG/CR-3814 **03**-*507,049* PC **A03**/MF **A01**

**ORNL/TM-9170**

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DE85001492 **05**-*511,639* PC **A04**/MF **A01**

**ORNL/TM-9172**

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DE84016638 **02**-*504,072* PC **A03**/MF **A01**

**ORNL/TM-9177**

Comparison of Toxicity to Terrestrial Plants with Algal Growth Inhibition by Herbicides.
DE85000157 **05**-*511,151* PC **A04**/MF **A01**

**ORNL/TM-9178**

Chemical Factors Affecting Fission Product Transport in Severe LMFBR Accidents.
DE85003787 **08**-*517,589* PC **A06**/MF **A01**

**ORNL/TM-9179**

Updated Users' Guide for SAMMY: Multilevel R-Matrix Fits to Neutron Data Using Bayes' Equations.
DE84017648 **03**-*507,413* PC **E08**/MF **A01**

**ORNL/TM-9179/R1**

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DE85015077 **24**-*556,300* PC **A04**/MF **A01**

**ORNL/TM-9180**

Chemical and Physical Properties of Dimethyl Sulfoxide-Water-Metal Chloride Systems.
DE85004950 **11**-*523,998* PC **A04**/MF **A01**

**ORNL/TM-9182**

Zero-Current, High beta Stellarator Equilibria with Rotational Transform Profile Control.
DE84016635 **02**-*505,035* PC **A03**/MF **A01**

**ORNL/TM-9183**

Numerical Model for Swirl Flow Cooling in High-Heat-Flux Particle Beam Targets and the Design of a Swirl-Flow-Based Plasma Limiter.
DE85003824 **08**-*517,435* PC **A02**/MF **A01**

**ORNL/TM-9185**

Magnetic Well Depth in EBT and Sensitivity to Hot Electron Ring Geometry.
DE85001497 **05**-*512,210* PC **A04**/MF **A01**

**ORNL/TM-9187**

Consolidated Fuel Reprocessing Program. Progress Report, January 1-March 31, 1984.
DE84017638 **03**-*507,175* PC **A03**/MF **A01**

**ORNL/TM-9191/V2**

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NUREG/CR-3851-V2 **05**-*512,281* PC **A04**/MF **A01**

**ORNL/TM-9191/V3**

Progress in Evaluation of Radionuclide Geochemical Information Developed by DOE (Department of Energy) High-Level Nuclear Waste Repository Site Projects: Report for April-June 1984.
NUREG/CR-3851-V3 **07**-*515,419* PC **A03**/MF **A01**

**ORNL/TM-9193**

Monte Carlo Studies of Transport in Stellarators.

DE84017633 **03**-*506,941* PC **A02**/MF **A01**

**ORNL/TM-9194**

Corrosion Studies at the Wilsonville, Alabama, Coal Liquefaction Facility During 1983.
DE85003805 **08**-*516,896* PC **A03**/MF **A01**

**ORNL/TM-9197**

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DE85007309 **12**-*526,530* PC **A05**/MF **A01**

**ORNL/TM-9198**

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DE84017477 **03**-*505,808* PC **A04**/MF **A01**

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DE85000154 **06**-*514,191* PC **A04**/MF **A01**

**ORNL/TM-9204**

Model of the World Oil Market with an OPEC Cartel.
DE85001498 **05**-*512,586* PC **A03**/MF **A01**

**ORNL/TM-9206**

Stochastic Particle Diffusion in Velocity Space for EBT-S.
DE84017649 **03**-*507,636* PC **A02**/MF **A01**

**ORNL/TM-9210**

Electron Bounce Resonance Heating in a Bumpy Cylinder.
DE85001732 **05**-*512,506* PC **A03**/MF **A01**

**ORNL/TM-9215**

One-Dimensional Modeling of Radial Heat Removal During Depressurized Heatup Transients in Modular Pebble-Bed and Prismatic High Temperature Gas-Cooled Reactors.
DE84016746 **02**-*504,648* PC **A10**/MF **A01**

**ORNL/TM-9216**

In-Plant Reliability Data Base for Nuclear Plant Components: Interim Report - Diesel Generators, Batteries, Chargers, and Inverters,
NUREG/CR-3831 **10**-*522,640* PC **A06**/MF **A01**

**ORNL/TM-9217/V2**

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NUREG/CR-3830-V2 **07**-*515,424* PC **A03**/MF **A01**

**ORNL/TM-9219**

Electrostatic Confinement in a Bumpy Torus.
DE85003794 **09**-*520,611* PC **A02**/MF **A01**

**ORNL/TM-9220**

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DE84016574 **02**-*504,798* PC **A03**/MF **A01**

**ORNL/TM-9223**

Preliminary Review of the TTAPS Nuclear Winter Scenarios.
DE84016575 **02**-*504,536* PC **A03**/MF **A01**

**ORNL/TM-9225**

Development and Evaluation of Multispecies Test Protocols for Assessing Chemical Toxicity.
DE85013526 **22**-*549,951* PC **A08**/MF **A01**

**ORNL/TM-9229**

Site Characterization of the West Chestnut Ridge Site.
DE85001695 **12**-*527,741* PC **A07**/MF **A01**

**ORNL/TM-9230**

Background Calculations for the Measurement of the Ion Temperature in a Deuterium Plasma.
DE84016546 **02**-*505,033* PC **A02**/MF **A01**

**ORNL/TM-9231**

Radionuclide Migration Pathways Analysis for the Oak Ridge Central Waste Disposal Facility on the West Chestnut Ridge Site.
DE85001499 **12**-*527,740* PC **A08**/MF **A01**

**ORNL/TM-9234**

Evaluation of the Proposed Y-12 Steam Plant Wastewater Treatment System.
DE85001536 **06**-*513,717* PC **A03**/MF **A01**

**ORNL/TM-9235**

Fabrication of Fiber-Reinforced Ceramic Composites by Chemical Vapor Infiltration.
DE85003809 **08**-*516,851* PC **A03**/MF **A01**

**ORNL/TM-9239**

Calculation of Stellarator Equilibria in Vacuum Flux Surface Coordinates.
DE85001693 **07**-*515,322* PC **A03**/MF **A01**

**ORNL/TM-9240**

Direct Reading Fast Microwave Interferometer for EBT.
DE85000183 **06**-*514,192* PC **A02**/MF **A01**

**ORNL/TM-9241**

TWOPOT: A Computer Model of the Two-Pot Extractive Distillation Concept for Nitric Acid.
DE85013523 **23**-*552,437* PC **A04**/MF **A01**

**ORNL/TM-9243**

Removal of Hydrofluoric Acid from Gas Streams by Solid Sorbents.
DE85004943 **11**-*524,629* PC **A03**/MF **A01**

**ORNL/TM-9246**

Oak Ridge Research Reactor Quarterly Report, January, February, and March 1984.
DE85000169 **09**-*520,152* PC **A04**/MF **A01**

**ORNL/TM-9247**

Documentation of a SAS Program to Calculate Water Quality Indices.
DE85003542 **08**-*517,110* PC **A03**/MF **A01**

**ORNL/TM-9248**

Multigrid Iteration Solution Procedure for Solving Three-Dimensional Sets of Coupled Equations (High Temperature Gas Cooled Reactors).
DE84016515 **02**-*504,770* PC **A03**/MF **A01**

**ORNL/TM-9250**

Beginner's Guide to Blocked Records on Magnetic Tape.
DE85001691 **04**-*509,110* PC **A04**/MF **A01**

**ORNL/TM-9251**

Multigroup Energy-Angle Distributions for Neutrons from the T(d,n) sup 4 He Reaction (E/Sub D/ = 100 to 400 KeV).
DE84016636 **02**-*504,975* PC **A02**/MF **A01**

**ORNL/TM-9252**

Analysis of Phase I of the HTGR Bottom Reflector and Core Support Block Neutron-Streaming Experiment.
DE84017632 **03**-*507,208* PC **A06**/MF **A01**

**ORNL/TM-9254**

Support for Establishing Structure-Activity Relationships Between a Series of Phthalate Esters and Toxicity to Aquatic Organisms.
DE85008754 **18**-*540,320* PC **A06**/MF **A01**

**ORNL/TM-9256**

Cleanup of Savannah River Plant Solvent Using Solid Sorbents.
DE85010592 **17**-*539,192* PC **A03**/MF **A01**

**ORNL/TM-9258**

Predicting Soil and Water Acidification: Proceedings of a Workshop.
DE85005677 **11**-*524,195* PC **A03**/MF **A01**

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Anaerobic Digestion of Cellulosic Wastes: Laboratory Tests.
DE85003814 **09**-*520,019* PC **A04**/MF **A01**

**ORNL/TM-9263**

Data and Information Systems and Decision Making in Large Public Organizations: Research Agenda.
DE85003639 **08**-*515,876* PC **A06**/MF **A01**

**ORNL/TM-9265**

Activity and Fluence Calculations for the Startup and Two-Year Irradiation Experiments Performed at the Poolside Facility.
NUREG/CR-3886 **03**-*507,050* PC **A03**/MF **A01**

**ORNL/TM-9267/V2**

High-Temperature Gas-Cooled Reactor Safety Studies for the Division of Accident Evaluation Quarterly Progress Report, April 1-June 30, 1984,
NUREG/CR-3885-V2 **07**-*515,456* PC **A02**/MF **A01**

**ORNL/TM-9267/V3**

High-Temperature Gas-Cooled Reactor Safety Studies for the Division of Accident Evaluation Quarterly Progress Report, July 1-September 30, 1984,
NUREG/CR-3885-V3 **17**-*539,157* PC **A03**/MF **A01**

**ORNL/TM-9267/V4**

High-Temperature Gas-Cooled Reactor Safety Studies for the Division of Accident Evaluation. Quarterly Progress Report, October 1-December 31, 1984,
NUREG/CR-3885-V4 **21**-*548,950* PC **A02**/MF **A01**

**ORNL/TM-9267-VOL-1**

High-Temperature Gas-Cooled Reactor Safety Studies for the Division of Accident Evaluation Quarterly Progress Report, January 1-March 31, 1984,
NUREG/CR-3885-V1 **01**-*502,271* PC **A02**/MF **A01**

**ORNL/TM-9268**

Evaluation of Health and Safety Impacts of Defense High-Level Waste in Geologic Repositories.
DE85006964 **13**-*530,090* PC **A04**/MF **A01**

**ORNL/TM-9269**

Projected World Market for Seawater Desalination Equipment.
DE85000484 **09**-*518,809* PC **A05**/MF **A01**

**ORNL/TM-9270**

Monte Carlo Simulation of the Response of a Hadronic Calorimeter to Protons of Momentum 3.5 to 200 GeV/C.
DE85006094 **11**-*525,034* PC **A02**/MF **A01**

**ORNL/TM-9287**

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DE85000160 **07**-*514,601* PC **A08**/MF **A01**

**ORNL/TM-9288**

Water Chemistry and Cardiovascular Disease Risk.
DE85006364 **11**-*523,911* PC **A06**/MF **A01**

**ORNL/TM-9289**

High Explosive Testing of a Corrugated Metal Blast Shelter with Membrane Blast Doors.
DE85004109 **11**-*524,776* PC **A04**/MF **A01**

**ORNL/TM-9290**

Development Report: Radiac System for Measuring Aqueous Tritium Concentration by the Liquid Scintillation Method.
DE85003799 **08**-*517,274* PC **A05**/MF **A01**

**ORNL/TM-9292**

User's Manual for Levelized Power Generation Cost Using a Microcomputer.
DE84016516 **03**-*506,302* PC **A07**/MF **A01**

**ORNL/TM-9296**

Noninductive Current Drive in Tokamaks.
DE85005427 **11**-*524,975* PC **A09**/MF **A01**

**ORNL/TM-9297**

Consolidated Fuel Reprocessing Program. Progress Report, April 1-June 30, 1984.
DE85003815 **08**-*517,688* PC **A03**/MF **A01**

**ORNL/TM-9300**

Optimized Fourier Representations for Three-Dimensional Magnetic Surfaces.
DE85003831 **11**-*525,345* PC A03/MF **A01**

**ORNL/TM-9301/P1**

Properties of Electroslag Castings: Part 1.
DE85004769 **11**-*524,472* PC **A03**/MF **A01**

**ORNL/TM-9302**

Convergent Spectral Representation for Three-Dimensional Inverse MHD Equilibria.
DE85000866 **07**-*515,571* PC **A02**/MF **A01**

**ORNL/TM-9306**

Magnetic Fluctuations, Field Reversal Maintenance, and Anomalous Thermal Transport in the Reversed Field Pinch.
DE85003804 **08**-*518,049* PC **A02**/MF **A01**

**ORNL/TM-9307**

Effect of Tempering on the Strength and Toughness of 2 1/4 Cr-1 Mo Steel Weldments.
DE85003818 **08**-*517,168* PC **A03**/MF **A01**

**ORNL/TM-9308/V1**

Nuclear Power Plant Personnel Qualifications and Training: TSORT - An Automated Technique to Assign Tasks to Training Strategies.
NUREG/CR-3481-V1 **03**-*505,563* PC **A06**/MF **A01**

**ORNL/TM-9308-VOL-2**

Nuclear Power Plant Personnel Qualifications and Training: TAPS - The Task Analysis Profiling System.
NUREG/CR-3481-V2 **20**-*544,715* PC **A11**/MF **A01**

**ORNL/TM-9309**

Charpy Toughness and Tensile Properties of a Neutron-Irradiated Stainless Steel Submerged Arc Weld Cladding Overlay,
NUREG/CR-3927 **05**-*512,340* PC **A03**/MF **A01**

**ORNL/TM-9314**

Geohydrologic Characterization of Proposed Solid Waste Storage Area (SWSA) 7.
DE85004956 **12**-*527,748* PC **A12**/MF **A01**

**ORNL/TM-9315**

Electron Temperature Measurements from Induced Toroidal Current in ELMO Bumpy Torus-Scale.
DE85008549 **15**-*535,026* PC **A03**/MF **A01**

**ORNL/TM-9316**

Observed Behavior of Cesium, Iodine, and Tellurium in the ORNL (Oak Ridge National Laboratory) Fission Product Release Program,
NUREG/CR-3930 **14**-*532,489* PC **A04**/MF **A01**

**ORNL/TM-9317**

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DE85010578 **17**-*538,465* PC **A06**/MF **A01**

**ORNL/TM-9318**

High Flux Isotope Reactor Quarterly Report, April-June 1984.
DE84016576 **02**-*504,828* PC **A02**/MF **A01**

**ORNL/TM-9319**

Inherent Magnetic Field Error Measurements in ELMO Bumpy Torus.
DE85005855 **12**-*527,688* PC **A02**/MF **A01**

**ORNL/TM-9323**

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DE85005679 **15**-*533,217* PC **A14**/MF **A01**

**ORNL/TM-9324**

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DE85012070 **19**-*544,391* PC **A03**/MF **A01**

**ORNL/TM-9326**

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DE85004777 **12**-*527,747* PC **A07**/MF **A01**

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DE85004778 **10**-*521,299* PC **A08**/MF **A01**

**ORNL/TM-9328**

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DE85008758 **16**-*536,138* PC **A09**/MF **A01**

**ORNL/TM-9333**
University of Minnesota Duluth, Gasifier Health Risk Assessment.
DE84016986 **02**-*503,472* PC **A03**/MF **A01**

**ORNL/TM-9335**
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DE85001699 **07**-*515,323* PC **A02**/MF **A01**

**ORNL/TM-9338**
Calorimetric Examination of Hydrofracture Grouts.
DE85006363 **11**-*525,157* PC **A02**/MF **A01**

**ORNL/TM-9339/V1**
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NUREG/CR-3949-V1 **07**-*515,177* PC **A02**/MF **A01**

**ORNL/TM-9339-V2**
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NUREG/CR-3949-V2 **26**-*561,632* PC **A02**/MF **A01**

**ORNL/TM-9340**
Assessment of Slurry Pump Technology for Direct Coal Liquefaction Demonstration and Pioneer Commercial Plants.
DE85000163 **07**-*515,612* PC **A07**/MF **A01**

**ORNL/TM-9341**
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DE85000162 **05**-*512,006* PC **A04**/MF **A01**

**ORNL/TM-9343**
Nuclear Medicine Progress Report (Oak Ridge National Laboratory) for Quarter Ending June 30, 1984.
DE85000170 **06**-*513,052* PC **A02**/MF **A01**

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DE85001934 **04**-*508,130* PC **A05**/MF **A01**

**ORNL/TM-9351**
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DE85004385 **08**-*518,051* PC **A03**/MF **A01**

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DE85004949 **09**-*520,034* PC **A05**/MF **A01**

**ORNL/TM-9356**
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DE85015050 **24**-*554,872* PC **A07**/MF **A01**

**ORNL/TM-9357**
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DE85003795 **08**-*516,844* PC **A09**/MF **A01**

**ORNL/TM-9358**
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DE85001700 **05**-*512,378* PC **A02**/MF **A01**

**ORNL/TM-9361**
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DE85004768 **09**-*520,032* PC **A05**/MF **A01**

**ORNL/TM-9362**
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DE85015054 **24**-*556,405* PC **A03**/MF **A01**

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DE85014775 **24**-*555,939* PC **A03**/MF **A01**

**ORNL/TM-9372**
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DE85011302 **20**-*546,862* PC **A02**/MF **A01**

**ORNL/TM-9374**
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DE85012071 **20**-*546,245* PC **A04**/MF **A01**

**ORNL/TM-9375**
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DE85002866 **08**-*517,824* PC **A02**/MF **A01**

**ORNL/TM-9381**
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DE85013365 **20**-*546,461* PC **A03**/MF **A01**

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**ORNL/TM-9388**
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DE85004786 **10**-*522,691* PC **A03**/MF **A01**

**ORNL/TM-9390**
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NUREG/CR-4015 **15**-*534,572* PC **A06**/MF **A01**

**ORNL/TM-9391**
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DE85000663 **09**-*519,746* PC **A06**/MF **A01**

**ORNL/TM-9394**
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**ORNL/TM-9397**
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**ORNL/TM-9399**
High-Field Launch Electron Cyclotron Heating Experiments in the ELMO Bumpy Torus.
DE85012068 **20**-*546,081* PC **A03**/MF **A01**

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DE85005336 **11**-*523,907* PC **A05**/MF **A01**

**ORNL/TM-9404**
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DE85013528 **22**-*549,848* PC **A10**/MF **A01**

**ORNL/TM-9409**
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DE85008153 **14**-*532,504* PC **E07**/MF**$7.50**

**ORNL/TM-9410**
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DE85014982 **24**-*555,321* PC **A05**/MF **A01**

**ORNL/TM-9411**
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DE85015055 **24**-*554,920* PC **A04**/MF **A01**

**ORNL/TM-9412**
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DE85013519 **22**-*551,158* PC **A04**/MF **A01**

**ORNL/TM-9417**
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DE85004946 **11**-*525,238* PC **A02**/MF **A01**

**ORNL/TM-9420**
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DE85006957 **13**-*530,480* PC **A03**/MF **A01**

**ORNL/TM-9423**
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NUREG/CR-4031 **07**-*514,991* PC **A04**/MF **A01**

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NUREG/CR-4031-V2 **16**-*536,616* PC **A03**/MF **A01**

**ORNL/TM-9423/V3**
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NUREG/CR-4031-V3 **16**-*536,617* PC **A03**/MF **A01**

**ORNL/TM-9424**
Liberian Energy Consumption and Sectoral Distribution for 1981.
DE85007361 **13**-*529,310* PC **A02**/MF **A01**

**ORNL/TM-9426**
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DE85006980 **13**-*528,686* PC **A07**/MF **A01**

**ORNL/TM-9430**
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DE85004764 **09**-*519,929* PC **A03**/MF **A01**

**ORNL/TM-9432**
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**ORNL/TM-9435**
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DE85008747 **14**-*532,537* PC **A03**/MF **A01**

**ORNL/TM-9436**
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DE85007605 **13**-*530,502* PC **A04**/MF **A01**

**ORNL/TM-9437**
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NUREG/CR-4037 **21**-*548,979* PC **A04**/MF **A01**

**ORNL/TM-9439**
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DE85010261 **18**-*541,573* PC **A03**/MF **A01**

**ORNL/TM-9440**
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NUREG/CR-4039 **10**-*522,738* PC **A03**/MF **A01**

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DE85008756 **15**-*534,181* PC **A03**/MF **A01**

**ORNL/TM-9442**
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DE85006546 **11**-*525,162* PC **A06**/MF **A01**

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DE85015067 **24**-*555,325* PC **A05**/MF **A01**

**ORNL/TM-9447**
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**ORNL/TM-9459**
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DE85008736 **14**-*531,322* PC **A02**/MF **A01**

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DE85008732 **14**-*531,321* PC **A02**/MF **A01**

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DE85004944 **11**-*524,419* PC **A05**/MF **A01**

**ORNL/TM-9468**
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DE85009455 **15**-*534,663* PC **A03**/MF **A01**

**ORNL/TM-9469**
Outlook for Electricity Supply and Demand.
DE85011880 **19**-*543,092* PC **A06**/MF **A01**

**ORNL/TM-9470**
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**ORNL/TM-9471**
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DE85010584 **18**-*541,470* PC **A04**/MF **A01**

**ORNL/TM-9472**
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DE85007380 **13**-*528,915* PC **A04**/MF **A01**

**ORNL/TM-9473**
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DE85006547 **12**-*527,109* PC **A03**/MF **A01**

**ORNL/TM-9477**
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NUREG/CR-4086 **15**-*534,649* PC **A02**/MF **A01**

**ORNL/TM-9478**
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DE85010211 **17**-*537,654* PC **A04**/MF **A01**

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DE85012073 **19**-*543,096* PC **A03**/MF **A01**

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DE85007305 **13**-*530,029* PC **A02**/MF **A01**

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NUREG/CR-4081 **26**-*561,426* PC **A10**/MF **A01**

**ORNL/TM-9489**
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DE85003720 **12**-*527,847* PC **A03**/MF **A01**

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DE85010274 **17**-*537,939* PC **A02**/MF **A01**

**ORNL/TM-9497**
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DE85008755 **14**-*531,825* PC **A06**/MF **A01**

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DE85008753 **14**-*531,961* PC **A03**/MF **A01**

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DE85013104 **20**-*546,655* PC **A05**/MF **A01**

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DE85009671 **17**-*538,840* PC **A02**/MF **A01**

**ORNL/TM-9506**
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NUREG/CR-4105 **15**-*534,650* PC **A04**/MF **A01**

**ORNL/TM-9509**
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DE85012077 **21**-*547,357* PC **A06**/MF **A01**

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DE85010594 **17**-*538,064* PC **A03**/MF **A01**

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DE85008750 **18**-*541,526* PC **A03**/MF **A01**

**ORNL/TM-9516**
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NUREG/CR-3978 **10**-*522,737* PC **A02**/MF **A01**

**ORNL/TM-9517**
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DE85011905 **20**-*546,076* PC **A02**/MF **A01**

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DE85008145 **13**-*529,489* PC **A03**/MF **A01**

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DE85010123 **18**-*541,960* PC **A05**/MF **A01**

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NUREG/CR-4134 **17**-*539,040* PC **A07**/MF **A01**

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DE85015065 **24**-*556,919* PC **A03**/MF **A01**

**ORNL/TM-9536**
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DE85013522 **22**-*549,738* PC **A06**/MF **A01**

**ORNL/TM-9540**
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DE85008751 **15**-*534,533* PC **A03**/MF **A01**

**ORNL/TM-9542**
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DE85010442 **17**-*538,859* PC **A02**/MF **A01**

**ORNL/TM-9543**
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DE85015030 **24**-*555,672* PC **A03**/MF **A01**

**ORNL/TM-9551**
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DE85015056 **26**-*561,536* PC **A02**/MF **A01**

**ORNL/TM-9552**
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DE85009458 **15**-*534,664* PC **A02**/MF **A01**

**ORNL/TM-9565**
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DE85015071 **24**-*555,348* PC **A02**/MF **A01**

**ORNL/TM-9571**
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AD-A153 824/8 **16**-*536,697* PC **A04**/MF **A01**

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DE85010210 **17**-*537,588* PC **A04**/MF **A01**

**ORNL/TM-9573**
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DE85012057 **22**-*550,430* PC **A03**/MF **A01**

**ORNL/TM-9575**
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DE85013530 **23**-*553,845* PC **A06**/MF **A01**

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PB85-246429 **23**-*554,495* PC **A03**/MF **A01**

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DE85010591 **18**-*541,547* PC **A03**/MF **A01**

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**ORNL/TM-9588**
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DE85013213 **26**-*561,033* PC **A06**/MF **A01**

**ORNL/TM-9593/V1**
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NUREG/CR-4219-V1 **20**-*546,212* PC **A10**/MF **A01**

**ORNL/TM-9595**
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DE85015066 **24**-*557,061* PC **A03**/MF **A01**

**ORNL/TM-9598**
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DE85015064 **24**-*556,260* PC **A03**/MF **A01**

**ORNL/TM-9608**
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DE85013543 **21**-*548,035* PC **A05**/MF **A01**

**ORNL/TM-9615**
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DE85013520 **22**-*551,017* PC **A04**/MF **A01**

**ORNL/TM-9617**
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DE85015029 **23**-*554,028* PC **A03**/MF **A01**

**ORNL/TM-9620**
Annual Reduction of sup 90 Sr Migration from Solid Waste Storage Area 4 to White Oak Creek by Flow Diversion.
DE85013537 **23**-*553,918* PC **A04**/MF **A01**

**ORNL/TM-9631**
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DE85014980 **25**-*557,383* PC **A05**/MF **A01**

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Tree-String Duality.
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Current State of Nucleon Decay Experiments,
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Systematics of Nuclear RMS (Root-Mean-Square) Charge Radii,
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Phenomenological Neutron Optical Potential: Fine Structure Aspects,
PB85-157303 **10**-*523,037* PC **E03**/MF **E03**

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Indium Solar Neutrino Project,
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**OUEL-1515/84**

Study of the Effect of Wake-Passing on Turbine Blades.
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Discussion of Problems Encountered in the Dynamic Fracture Toughness Testing of Materials.
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Discussion of Problems Encountered in the Dynamic Fracture Toughness Testing of Materials,
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Computer-Controlled Traverse Gear for the Oxford Wind Engineering Research Group's 4 Metre X 2 Metre Wind Tunnel.
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**OUEL-1526/84**

Relationship Between Lehtomaki's Robustness Test and an Inverse Nyquist Based Test.
N85-12616/7 **06**-*513,663* PC **A02**/MF **A01**

**OUEL-1527**

CONTROL: A Suite of Interactive Transfer-Function Analysis Programs.
N85-12609/2 **06**-*513,443* PC **A03**/MF **A01**

**OUEL-1528/84**

Removal of Singularities in Tresca and Mohr-Coulomb Yield Functions.
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**OUEL-1529/84**

Efficient Sorting Routines in Fortran 77.
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Efficient Sorting Routines in FORTRAN 77,
PB85-139491 **05**-*511,520* PC **E03**/MF **E03**

**OUEL-1534/84**

Identification of a Plant's Weighting Sequence,
PB85-229078 **24**-*555,873* PC **E04**/MF **E04**

**OUEL-1535/84**

Self-Tuning Controller Design and Implementation.
N85-13975/6 **08**-*516,966* PC **A03**/MF **A01**

Self-Tuning Controller Design and Implementation,
PB85-140549 **06**-*513,676* PC **E04**/MF **E04**

**OUEL-1536/84**

Generalized Lqg Approach to Self-Tuning Control. Part 1: Aspects of Design. Part 2: Implementation and Simulation.
N85-13976/4 **08**-*516,967* PC **A04**/MF **A01**

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PB85-181832 **14**-*530,757* PC **E09**/MF **E09**

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Self-Tuning Control of Offset: A Unified Approach,
PB85-139046 **06**-*513,668* PC **E04**/MF **E04**

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Subcooled Flow Boiling at High Heat Flux.
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Subcooled Flow Boiling at High Heat Flux,
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Long-Range Predictive Control Using Weighting-Sequence Models.
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Long-Range Predictive Control Using Weighting-Sequence Models,
PB85-139574 **06**-*513,671* PC **E04**/MF **E04**

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Behavior of Fibre-Reinforced Composites under Dynamic Tension,
PB85-139681 **06**-*513,550* PC **E05**/MF **E05**

**OUEL-1544/84**

Bibliography of Adaptive Control,
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**OUEL-1545/84**

Studies in Mixed Species Charged Particle Beam Dynamics.
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Studies in Mixed Species Charged Particle Beam Dynamics,
PB85-181824 **15**-*534,394* PC **E09**/MF **E09**

**OUEL-1546/84**

Preliminary Wind Tunnel Experiments to Investigate the Effect of Heat Transfer on the Dispersion of Cold Dense Gases.
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Preliminary Wind Tunnel Experiments to Investigate the Effect of Heat Transfer on the Dispersion of Cold Dense Gases,
PB85-182046 **15**-*533,585* PC **E05**/MF **E05**

**OUEL-1547/84**

Optimal Stochastic Lq Control with Measurements Displaced in Time.
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Optimal Stochastic LQ Control with Measurements Displaced in Time,
PB85-139707 **06**-*513,673* PC **E03**/MF **E03**

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Finite Elastic Deformations of Cylindrical and Spherical Shells under Pressure.
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Finite Elastic Deformations of Cylindrical and Spherical Shells Under Pressure,
PB85-181816 **14**-*532,702* PC **E03**/MF **E03**

**OUEL-1550/84**

Self-Tuning Control of a Difficult Process,
PB85-229060 **23**-*553,236* PC **E03**/MF **E03**

**OUEL-1554/84**

Choice of Parameterization for Identification.
N85-31904/4 **23**-*553,235* PC **A04**/MF **A01**

Choice of Parametrization for Identification,
PB85-181808 **15**-*534,107* PC **E05**/MF **E05**

**OUEL-1556/84**

Soil Mechanics - Property Characterization and Analysis Procedures.
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**OUEL-1557/84**

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Assessment of Dynamic Test Methods for the Measurement of Fracture Toughness,
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**OUEL-1562/85**

Modelling of Thin-Walled Shells for Buckling Investigations by Electroplating,
PB85-229557 **23**-*553,556* PC **E04**/MF **E04**

**OUEL-1563/85**

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Moire Interferometric Measurement of Relative Displacements in Dovetail Joints,
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Variation of the Stress Intensity Factor Along the Front of a Surface Flaw,
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**OUEL-1566/85**

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Hopkinson Pressure Bar: An Alternative to the Instrumented Pendulum for Charpy Tests,
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FAUST: Introduction and Overview,
PB85-181980 **15**-*533,840* PC **E04**/MF **E04**

**OUEL-1569/85**

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System Identification Package for VAX and LSI 11 Computers,
PB85-181998 **15**-*533,841* PC **E06**/MF **E06**

**OUEL-1570/85**

Uncertainty Estimation from System Identification,
PB85-229490 **24**-*555,874* PC **E05**/MF **E05**

**OUEL-1571/85**

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PB85-185437 **15**-*534,411* PC **E03**/MF **E03**

**OUEL-1572/85**

Multivariable Model-Following Self-Tuning Control with Offset Rejection.
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PB85-185445 **16**-*536,203* PC **E04**/MF **E04**

**OUEL-1573/85**

Extensions of the Small-mu Test for Robust Stability,
PB85-185452 **16**-*536,204* PC **E04**/MF **E04**

**OUEL-1573/85-REV**

Extensions of the Small-mu Test for Robust Stability.
N85-31884/8 **23**-*553,228* PC **A03**/MF **A01**

**OUEL-1578/85**

Effect of Strain-Rate on the Tensile Failure of Woven-Reinforced Polyester Resin Composites,
PB85-229532 **23**-*553,149* PC **E03**/MF **E03**

**OUEL-1579/85**

Dynamic Tensile Response of Unidirectionally-Reinforced Carbon Epoxy and Glass Epoxy Composites,
PB85-229524 **23**-*553,148* PC **E03**/MF **E03**

**OUP-81-14**

Nucleon Fragmentation in Pn and Pp Interactions Compared with Quark Counting Rules. The Scandinavian Bubble Chamber Collaboration.
DE81700447 **20**-*546,616* MF **A01**

**OUP-82-32**

Radiation Accidents and Dosimetry.
DE85781108 **24**-*556,363* PC **A02**/MF **A01**

**OUP-83-1**

Production of sup 67 Ga at the Oslo Cyclotron.
DE85781073 **25**-*558,959* PC **A03**/MF **A01**

**OUP-83-02**

Energy Level Shifts in Atoms Near a Metallic Plane.
DE85701702 **25**-*557,979* PC **A02**/MF **A01**

**OUP-83-03**

Quantum-Like Methods of Solution for Classical Dynamical Equations.
DE85701692 **25**-*559,724* PC **A03**/MF **A01**

**OUP-83-05**

Manifest Rotation Symmetric Expressions for Angular Momentum Eigenfunctions.
DE85781057 **25**-*559,764* PC **A03**/MF **A01**

**OUP-83-28**

Simple Ion-Source Pulsing System for Life-Time Measurements in ms-Region.
DE85781155 **24**-*556,775* PC **A03**/MF **A01**

**OUP-83-34**

Dynamics of Dayside Aurora in Relation to Solar Wind - Magnetosphere Interaction.
DE85781094 **24**-*554,675* PC **A04**/MF **A01**

**OUP-83-38**

Serpentine Emissions in the Polar Magnetic Field.
DE85781095 **24**-*554,676* PC **A02**/MF **A01**

**OUP-84-02**

Production of /Sup 81M/Kr Generators at the Oslo Cyclotron.
DE85781074 **25**-*558,960* PC **A03**/MF **A01**

**OUP-84-05**

Construction of a Facility for 14 MeV Neutron Activation Analysis of Oxygen in Aluminium.
DE85781064 **25**-*557,995* PC **A03**/MF **A01**

**OUP-84-08**

Introduction to the Microscopic Theory of Giant Resonances.
DE85701705 **25**-*559,731* PC **A04**/MF **A01**

**OUP-84-11**

Superconducting Electron Spectrometer.
DE85781182 **24**-*556,310* PC **A02**/MF **A01**

**OUP-84-12**

Semileptonic *DELTA*S= 1 Decays of Baryons with Boosted Bags.
DE85781045 **25**-*559,636* PC **A02**/MF **A01**

**OUP-84-16**

Charmonium Spectroscopy in Proton-Antiproton Annihilation.
DE85781051 **25**-*559,644* PC **A02**/MF **A01**

**OUP-84-17**

Manifest Rotation Symmetric Expressions for Angular Momentum Eigenfunctions II.
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**OUP-84-23**

Pulse Selection System for the Oslo Cyclotron.
DE85781153 **24**-*556,773* PC **A02**/MF **A01**

**OUP-84-24**

Nonlinear Saturation of E X B Instability in a Plasma Slab.
DE85781039 **25**-*559,711* PC **A03**/MF **A01**

**OUP-84-28**

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DE85781041 **25**-*559,713* PC **A02**/MF **A01**

**OVERDRUK-236**

Study on Mechanization and Organization for the Execution of Soil Improvement,
PB85-239317 **25**-*558,662* PC **E03**/MF **E01**

**OVERDRUK-245**

Planning and Research for New Nature-Areas,
PB85-240661 **24**-*554,931* PC **E03**/MF **E01**

**OVERDRUK-255**

Polygamy in the Marsh Harrier, 'Circus aeruginosus': Individual Variation in Hunting Performance and Number of Mates,
PB85-239309 **25**-*557,637* PC **E04**/MF **E01**

**OVERDRUK-267**

Polders and Their Environment in the Netherlands,
PB85-241404 **26**-*560,020* PC **E03**/MF **E01**

**OWR/RU-83/4**

Transport of Ion-Exchanging Solutes during Groundwater Recharge: Final Report.
PB85-154821 **13**-*529,060* PC **A04**/MF **A01**

**OWR/RU-83/11**

Water Use and Reuse Opportunities and Costs at Oil Shale Plants. Volume 2,
PB85-128718 **05**-*511,859* PC **A14**/MF **A01**

**OWR/RU-84/2**

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**OWRT-A-045-MINN(3)**

Land Treatment of Septage.
PB85-233013 **23**-*552,683* PC **A02**/MF **A01**

**OWRT-A-073-PR(1)**

Changes in the Species and Concentration of Carbon, Nitrogen and Sulfur Compounds during the BOD (Biochemical Oxygen Demand) Test and Their Effect on Oxygen Uptake.
PB85-246791 **26**-*561,104* PC **A03**/MF **A01**

**OWRT-A-075-PR(1)**

Hydraulic Technique for Designing Scavenger-Production Well Couples to Withdraw Freshwater from Aquifers Containing Saline Water.
PB85-157725 **13**-*529,648* PC **A04**/MF **A01**

**OWRT-A-078-SDAK(1)**

Treatment of Leachate-Contaminated Groundwater with an Interception Trench.
PB85-157618 **12**-*527,277* PC **A03**/MF **A01**

**OWRT-A-083-CAL(1)**

Effect of Water Quality on the Uptake and Loss of Biologically Important Organic and Inorganic Chemicals by Organisms.
PB85-225894 **22**-*549,754* PC **A02**/MF **A01**

**OWRT-A-133-MONT(1)**

Land Use and Groundwater Quality in Western Montana: The Impact on Nutrient Budgets for Surface Waters,
PB85-154854 **12**-*526,775* PC **A03**/MF **A01**

**OWRT-B-006-NH(4)**

Microbial Survival in Cured Municipal Compost.
PB85-249068 **26**-*560,387* PC **A05**/MF **A01**

**OWRT-B-012-LA(1)-VOL-1**

Hydraulic Conductivity of Rockfill. Volume 1,
PB85-219087 **21**-*548,571* PC **A04**/MF **A01**

**OWRT-B-012-LA(1)-VOL-2**

Hydraulic Conductivity of Rockfill. Volume 2,
PB85-219095 **21**-*548,572* PC **A05**/MF **A01**

**OWRT-B-020-CONN(1)**

Economic, Legal, and Institutional Relations Involved in Diversion and Other Interbasin Transfers,
PB85-161446 **13**-*529,650* PC **A09**/MF **A01**

**OWRT-B-053-IDA(1)**

Effects of Reduced Stream Discharge on Fish and Aquatic Macroinvertebrate Populations. Phase 2,
PB85-214922 **20**-*545,773* PC **A10**/MF **A01**

**OWRT-B-056-IDA(1)**

Low Energy Irrigation for the Pacific Northwest,
PB85-211662 **19**-*542,141* PC **A05**/MF **A01**

**OWRT-B-057-NEB(1)**

Tillage Practice Effects on Water Conservation and the Efficiency and Management of Surface Irrigation Systems.
PB85-157709 **13**-*528,355* PC **A05**/MF **A01**

**OWRT-B-060-NMEX(1)**

Breeding and Selection of Alfalfa for Improved Performance Under Less Than Optimum Moisture Conditions.
PB85-157691 **13**-*528,363* PC **A08**/MF **A01**

**OWRT-B-060-SDAK(1)**

Delineating the Sodium Hazard of Irrigation Waters on Four Northern Great Plains Soils.
PB85-157626 **12**-*525,937* PC **A05**/MF **A01**

**OWRT-B-063-NMEX(1)**

Ecophysiological Bases of Salt Tolerance in 'Distichlis spicata': Background for Domestication.
PB85-215010 **20**-*544,531* PC **A06**/MF **A01**

**OWRT-B-071-OHIO(1)**

Effects of Siltation on Embryonic Mortality of Trout.
PB85-157642 **13**-*528,692* PC **A03**/MF **A01**

**OWRT-B-076-OHIO(1)**

Adsorption of Anionic and Cationic Metals by Non-Ionic Polymeric Resins.
PB85-157659 **13**-*529,647* PC **A05**/MF **A01**

**OWRT-B-077-ORE(1)**

Impact of Small-Scale Dams on Fishes of the Willamette River, Oregon and an Evaluation of Fish Habitat Models.
PB85-157782 **12**-*526,376* PC **A05**/MF **A01**

**OWRT-B-082-NJ(1)**

Feasibility of Using Forest Vegetation to Renovate Septic Tank Effluent in the New Jersey Pine Barrens.
PB85-157634 **13**-*528,377* PC **A05**/MF **A01**

**OWRT-B-086-WASH(1)**

Design and Management of Irrigation Projects for the Sustained Benefit of Wildlife: A Bioeconomic Analysis of the East High Area of the Columbia Basin Project,
PB85-211696 **19**-*542,142* PC **A13**/MF **A01**

**OWRT-B-087-WASH(1)**

Effect of Reservoir Induced Circulation on the Water Quality of Recreational Freshwater Embayments.
PB85-157733 **12**-*526,294* PC **A07**/MF **A01**

**OWRT-B-144-NC(3)**

Benthic Nutrient Cycling in the Pamlico River,
PB85-154813 **12**-*526,734* PC **A08**/MF **A01**

**OWRT-B-155-GA(1)**

Effect of Hydroperiod on Floodplain Forest Production.
PB85-214583 **20**-*544,543* PC **A06**/MF **A01**

**OWRT-B-248-TEX(1)**

Relationship between Soil Moisture Storage and Deep Percolation and Subsurface Return Flow.
PB85-211688 **19**-*542,976* PC **A05**/MF **A01**

**OWRT-B-254-TEX(1)**

Sprinkler Irrigation as an Energy and Water Saving Approach to Rice Production and Management of Riceland Pests.
PB85-203982 **19**-*542,136* PC **A11**/MF **A01**

**OWRT-C-00067-R(1)**

Ultrasound Catalyzed Ozone Pretreatment to Reduce Organic Fouling of Reverse Osmosis Membranes.
PB85-161453 **13**-*528,922* PC **A07**/MF **A01**

**OWRT-C-00069-R(1)**

Investigation of the Modes of Contaminant Capture in CGA (Colloidal Gas Aphrons) (MGD) Foams,
PB85-211704 **19**-*542,854* PC **A03**/MF **A01**

**OWRT-C-00090-U(3)**

Development of a General Planning Methodology for Storm Water Management in Urban Watersheds.
PB85-161412 **13**-*529,066* PC **A10**/MF **A01**

**OWRT-C-00090-U(4)**

Interorganizational Relations and Decision Making among Section 208 Water Quality Management Planning Agencies.
PB85-161420 **13**-*529,067* PC **A04**/MF **A01**

**OWRT-C-00090-U(5)**

Problem Oriented Evaluation of Institutional Decision Making and Improvement of Models Used in Regional Urban Runoff Management: Application to Indiana,
PB85-161438 **13**-*529,068* PC **A06**/MF **A01**

**OWRT-C-00172-R(0526)(1)**

Solvent Sublation of Organic Contaminants for Water Reclamation.
PB85-154839 **13**-*529,644* PC **A06**/MF **A01**

**OWRT-C-00176-T(0518)(4)**

Development and Management of Water Facilities for Small Communities,
PB85-242881 **26**-*561,077* PC **A06**/MF **A01**

**OWRT-C-00235-V(1)**

Flow Properties of the Mt. St. Helens Mudflow Material.
PB85-211829 **19**-*542,931* PC **A05**/MF **A01**

**OWRT-C-3109-R(1)**

Enhanced Reuse Potential of Coal Slurry Transport Water: Toxic Organics Assessment and Removal.
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**OWRT-C-10030-R(1)**

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PB85-217016 **21**-*548,566* PC **A04**/MF **A01**

**OWRT-C-10095-V(1)**

Effect of Ash Fallout on Water Quality in Western Montana.
PB85-157824 **13**-*529,050* PC **A08**/MF **A01**

**OWRT-C-10138-R(1)**

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PB85-227221 **22**-*550,688* PC **A04**/MF **A01**

**OWRT-C-80264-R(8824)(6)**

Transport of Ion-Exchanging Solutes during Groundwater Recharge: Final Report.
PB85-154821 **13**-*529,060* PC **A04**/MF **A01**

**OWRT-C-90113-C(9429)(1)**

Saving Water in a Desert City,
PB85-154062 **13**-*529,645* PC **A06**/MF **A01**

**OWRT-C-90227-D(9530)(2)**

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PB85-154847 **13**-*528,920* PC **A16**/MF **A01**

**OWRT-C-90230-R(1)**

Methodology for Evaluation of Integrated Water Reuse Alternatives,
PB85-128734 **05**-*511,860* PC **A05**/MF **A01**

**OWRT-C-90274-S(1)**

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PB85-211670 **20**-*545,529* PC **A03**/MF **A01**

**OWRT/RU-82/3**

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**OWRT/RU-82/10**

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**OWRT/RU-83/9**

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**OWRT/RU-83/10**

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**OWRT/RU-83/11**

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**OWRT/RU-84/5**

Solvent Sublation of Organic Contaminants for Water Reclamation.
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AD-A146 023/7 **01**-*501,909* PC **A09**/MF **A01**

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AD-A152 248/1 **13**-*529,769* PC **A11**/MF **A01**

**P-11-84-33-APP-A**
Commerce Lab: Mission Analysis Payload Integration Study. Appendix A: Data Bases.
N85-29988/1 **22**-*551,850* PC **A13**/MF **A01**

**P83-1E**
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**P-192**
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PB85-144822 **08**-*516,085* PC **A13**/MF **A01**

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P-300-80-021 **01**-*501,473* PC **A04**/MF **A01**

**P-500-80-029**
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**PAPER-73**
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**PAPER-76**
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**PAPER-77**
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**PAPER-85-23**
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**PAR-83-7**
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PB85-198794 **17**-*537,327* PC **A06**/MF **A01**

**PAR-84-34**
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AD-A151 276/3 **12**-*526,891* PC **A05**/MF **A01**

**PAR-84-116**
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AD-A147 843/7 **04**-*508,230* PC **A03**/MF **A01**

**PARAMETER-IE-132**
Closeout of IE Bulletin 80-07: BWR (Boiling Water Reactor) Jet Pump Assembly Failure.
NUREG/CR-3052 **04**-*510,115* PC **A04**/MF **A01**

**PARAMETER/IE-135**
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NUREG/CR-3794 **07**-*515,454* PC **A03**/MF **A01**

**PARAMETER/IE-137**
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NUREG/CR-3791 **07**-*514,790* PC **A04**/MF **A01**

**PARAMETER/IE-144**
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NUREG/CR-4004 **15**-*534,559* PC **A03**/MF **A01**

**PARAMETER/IE-145**
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NUREG/CR-4006 **23**-*554,046* PC **A04**/MF **A01**

**PARAMETER-IE-146**
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NUREG/CR-4005 **21**-*548,951* PC **A04**/MF **A01**

**PARGUM-84-01**
Coupling of Airborne Sound into the Earth.
AD-A146 231/6 **01**-*502,066* PC **A06**/MF **A01**

**PARGUM-84-02**
Study of Optical Sound Generation and Amplification.
AD-A147 359/4 **03**-*507,249* PC **A02**/MF **A01**

**PARGUM-84-03**
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AD-A153 690/3 **16**-*535,957* PC **A04**/MF **A01**

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AD-A153 620/0 **16**-*536,714* PC **A06**/MF **A01**

**PAT-APPL-6-047 456**
Printing Apparatus.
PATENT-4 280 767 **14**-*532,300* Not available NTIS

**PAT-APPL-6-051 315**
Combined Cycle Ramjet Engine.
PATENT-4 441 312 **01**-*502,755* Not available NTIS

**PAT-APPL-6-061 975**
Current Stabilized Underwater Platform.
PATENT-4 462 330 **11**-*524,751* Not available NTIS

**PAT-APPL-6-062 835**
Integrated Wheelchair and Ambulator.
PATENT-4 456 086 **10**-*521,590* Not available NTIS

**PAT-APPL-6-063 605**
Adjustable Container Bulkhead Assembly.
PATENT-4 334 812 **03**-*506,719* Not available NTIS

**PAT-APPL-6-076 706**
Rope Wick Applicator.
PATENT-4 513 528 **23**-*551,957* Not available NTIS

**PAT-APPL-6-086 504**
Acceleration Resistant Combination of Opposite-Handed Piezoelectric Crystals.
PATENT-4 344 010 **14**-*531,649* Not available NTIS

**PAT-APPL-6-121 937**
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PATENT-4 475 816 **10**-*522,502* Not available NTIS

**PAT-APPL-6-132 463**
Hybrid Shaped-Charge/Kinetic/Energy Penetrator.
PATENT-4 463 678 **03**-*507,241* Not available NTIS

**PAT-APPL-6-142 951**
Wavelength Multiplexer-Demultiplexer.
PATENT-4 483 582 **14**-*532,368* Not available NTIS

**PAT-APPL-6-143 399**
Pulse Compression System.
PATENT-4 521 779 **24**-*555,582* Not available NTIS

**PAT-APPL-6-157 150**
Diesel Engine Catalytic Combustor System.
PATENT-4 449 370 **02**-*505,228* Not available NTIS

**PAT-APPL-6-168 815**
Machine for Mixing and Injecting Water and Grout into a Roof Bolt Hole
PATENT-4 497 578 **12**-*526,846* Not available NTIS

**PAT-APPL-6-171 913**
Programmable Synchronous Digital Delay Line.
PATENT-4 468 624 **03**-*506,073* Not available NTIS

**PAT-APPL-6-183 707**
Synthesis of 2,4,8,10-Tetroxaspiro5,5undecane.
PATENT-4 528 386 **26**-*560,462* Not available NTIS

**PAT-APPL-6-196 508**
Method of Fabricating Acceleration Resistant Crystal Resonators and Acceleration Resistant Crystal Resonators so Formed.
PATENT-4 365 182 **14**-*531,650* Not available NTIS

**PAT-APPL-6-199 768**
Thermoset-Thermoplastic Aromatic Polyamide Containing n-Propargyl Groups.
PATENT-4 395 540 **13**-*529,519* Not available NTIS

**PAT-APPL-6-207 863**
Liquid-Phase Epitaxial Growth of CdTe on HgCdTe.
PATENT-4 357 620 **08**-*517,739* Not available NTIS

**PAT-APPL-6-214 839**
Rotating Squid Magnetometers and Gradiometers.
PATENT-4 489 274 **10**-*522,504* Not available NTIS

**PAT-APPL-6-234 222**
Heat Pipe Cooled Probe.
PATENT-4 485 670 **15**-*534,382* Not available NTIS

**PAT-APPL-6-237 496**
Chelating Agents for the Treatment of Iron Overload.
PATENT-4 528 196 **24**-*555,163* Not available NTIS

**PAT-APPL-6-238 257**
Air Modulation Apparatus.
PATENT-4 416 111 **02**-*505,222* Not available NTIS

**PAT-APPL-6-242 797**
Focal Plane Array Optical Proximity Sensor
PATENT-4 479 053 **15**-*534,514* Not available NTIS

**PAT-APPL-6-246 787**
Planar Doped Barrier Semiconductor Device.
PATENT-4 410 902 **12**-*526,883* Not available NTIS

**PAT-APPL-6-248 622**
Narcotic Antagonists in the Therapy of Shock.
PATENT-4 434 168 **01**-*500,821* Not available NTIS

**PAT-APPL-6-250 585**
Multicomputer Communication System.
PATENT-4 493 021 **15**-*534,494* Not available NTIS

**PAT-APPL-6-250 991**
Anti-Trypanosomal Activity of Platinum Co-ordination Compounds.
PATENT-4 532 122 **26**-*560,390* Not available NTIS

**PAT-APPL-6-253 874**
Positioning of a Multicolor Ribbon.
PATENT-4 395 148 **14**-*532,301* Not available NTIS

**PAT-APPL-6-256 880**
Spacer Structure.
PATENT-4 500 255 **15**-*535,252* Not available NTIS

**PAT-APPL-6-258 500**
Method of Multivariant Intraclass Pattern Recognition.
PATENT-4 487 476 **10**-*521,971* Not available NTIS

**PAT-APPL-6-258 704**
Transmission Line Biased Coherent Array of Josephson Oscillators.
PATENT-4 468 635 **03**-*506,228* Not available NTIS

**PAT-APPL-6-258 705**
Coherent Array of Josephson Oscillators with External Bias Leads.
PATENT-4 470 023 **03**-*506,229* Not available NTIS

**PAT-APPL-6-260 878**
Two Carrier Dual Injector Apparatus.
PATENT-4 472 726 **03**-*506,074* Not available NTIS

**PAT-APPL-6-261 415**
Echometry Device and Method
PATENT-4 481 517 **05**-*512,072* Not available NTIS

**PAT-APPL-6-265 129**
Passive Maser Using Timesharing for Control of the Cavity and Control of the Oscillator on the Line of Stimulated Emission.
PATENT-4 449 105 **03**-*507,330* Not available NTIS

**PAT-APPL-6-269 455**
Analog to Digital Converter
PATENT-4 471 340 **03**-*506,230* Not available NTIS

**PAT-APPL-6-270 747**
Dual-Gate MESFET Variable Gain Constant Output Power Amplifier.
PATENT-4 456 889 **03**-*506,225* Not available NTIS

**PAT-APPL-6-272 861**
Thermally Isolated Structural Support Link.
PATENT-4 465 392 **03**-*506,616* Not available NTIS

**PAT-APPL-6-275 909**
Hollow Cathode Apparatus.
PATENT-4 475 063 **15**-*534,380* Not available NTIS

**PAT-APPL-6-282 298**
Alkaline Battery Containing a Separator of a Cross-Linked Copolymer of Vinyl Alcohol and Unsaturated Carboxylic Acid.
PATENT-4 505 998 **22**-*550,368* Not available NTIS

**PAT-APPL-6-284 279**
Pharmacologically Active Amine Boranes.
PATENT-4 368 194 **02**-*503,502* Not available NTIS

**PAT-APPL-6-286 099**
External Cavity Diode Laser Sensor
PATENT-4 452 533 **03**-*506,811* Not available NTIS

**PAT-APPL-6-288 261**
Method and Composition for Luring Coyotes.
PATENT-4 472 377 **02**-*503,379* Not available NTIS

**PAT-APPL-6-289 660**
RF Laser Array Driver Apparatus.
PATENT-4 472 807 **03**-*507,331* Not available NTIS

**PAT-APPL-6-290 757**
Interference Suppressor for Radar MTI.
PATENT-4 489 320 **14**-*532,411* Not available NTIS

**PAT-APPL-6-291 645**
Automatic Multi-Banking of Memory for Microprocessors.
PATENT-4 481 570 **15**-*533,839* Not available NTIS

**PAT-APPL-6-308 747**
Psychrometer for Measuring the Humidity of a Gas Flow.
PATENT-4 461 167 **01**-*501,988* Not available NTIS

**PAT-APPL-6-308 972**
Variable Data Base Generator Apparatus.
PATENT-4 484 297 **10**-*521,970* Not available NTIS

**PAT-APPL-6-311 369**
Method for Treating Bacterial Infections with 2-Acetyl- and 2-Propionylpyridine Thiosemicarbazones.
PATENT-4 447 427 **01**-*500,823* Not available NTIS

**PAT-APPL-6-314 928**
Pipelined Digital SAR Azimuth Correlator Using Hybrid FFT-Transversal Filter.
PATENT-4 471 357 **03**-*506,922* Not available NTIS

**PAT-APPL-6-315 327**
Piezoelectric Transducer Using Electrically Poled Gamma-Phase Nylon 11.
PATENT-4 486 683 **10**-*522,167* Not available NTIS

**PAT-APPL-6-315 583**
Phase Sensitive Guidance Sensor for Wire-Following Vehicles.
PATENT-4 472 716 **02**-*504,578* Not available NTIS

**PAT-APPL-6-320 893**
Powered Articulated Headrest System.
PATENT-4 466 662 **03**-*505,304* Not available NTIS

**PAT-APPL-6-321 689**
Use of Context to Simplify Two-Dimensional Computer Input.
PATENT-4 476 462 **04**-*509,128* Not available NTIS

**PAT-APPL-6-322 317**
Method and Apparatus for Calibrating the Ionosphere and Application to Surveillance of Geophysical Events.
PATENT-4 463 357 **15**-*532,990* Not available NTIS

**PAT-APPL-6-322 321**
Reusable Thermal Cycling Clamp.
PATENT-4 491 427 **15**-*534,240* Not available NTIS

**PAT-APPL-6-323 626**
Portable Reclining Examination Chair.
PATENT-4 453 768 **01**-*500,792* Not available NTIS

**PAT-APPL-6-324 346**
Optically Pumped Iodine Monofluoride Laser.
PATENT-4 488 311 **11**-*525,373* Not available NTIS

**PAT-APPL-6-324 907**
Diagnostic Apparatus for Radar Pulse Repetition Frequency Control Circuit Card.
PATENT-4 472 679 **03**-*506,923* Not available NTIS

**PAT-APPL-6-327 296**
Sensitive and Rapid Diagnosis of Viroid Diseases and Viruses.
PATENT-4 480 040 **05**-*511,034* Not available NTIS

**PAT-APPL-6-328 638**
4-Methyl-5-(Unsubstituted and Substituted Phenoxy)-6-Methoxy-8-(Aminoalkylamino)Quinolines.
PATENT-4 431 807 **03**-*505,755* Not available NTIS

**PAT-APPL-6-329 557**
Simultaneous Detection of Time Coincident Signals in an Adaptive Doppler Tracker.
PATENT-4 513 428 **23**-*553,782* Not available NTIS

**PAT-APPL-6-329 558**
Sample Data Phase Locked Loop for Adaptive Doppler Tracker.
PATENT-4 513 429 **23**-*552,882* Not available NTIS

**PAT-APPL-6-329 560**
Security System Signal Processor.
PATENT-4 442 514 **01**-*501,918* Not available NTIS

**PAT-APPL-6-330 281**
Process for Making a Heterojunction Source-Drain Insulated Gate Field-Effect Transistors Utilizing Diffusion to Form the Lattice.
PATENT-4 468 851 **11**-*524,211* Not available NTIS

**PAT-APPL-6-330 959**
Process for Producing Monoclonal Antibodies Reactive with Human Breast Cancer.
PATENT-4 522 918 **26**-*560,327* Not available NTIS

**PAT-APPL-6-331 091**
Infrared Optical Measurement of Blood Gas Concentrations and Fiber Optic Catheter.
PATENT-4 509 522 **24**-*555,131* Not available NTIS

**PAT-APPL-6-331 750**
High Power Metal Vapor Laser.
PATENT-4 442 523 **01**-*502,397* Not available NTIS

**PAT-APPL-6-332 906**
Apparatus for Encapsulating Additives in Resealed Erythrocytes.
PATENT-4 517 080 **20**-*545,991* Not available NTIS

**PAT-APPL-6-333 945**
Automatic Hide Processing Apparatus.
PATENT-4 478 328 **05**-*511,985* Not available NTIS

**PAT-APPL-6-335 903**
Method of Making an Undersea, High Pressure Bulkhead Penetrator for Use with Fiber Optic Cables.
PATENT-4 469 399 **11**-*524,752* Not available NTIS

**PAT-APPL-6-338 396**
Digital Coherent Detector.
PATENT-4 468 794 **10**-*522,007* Not available NTIS

**PAT-APPL-6-338 695**
Dual-Secondary Mirror Cassegrain Optical System.
PATENT-4 439 012 **01**-*502,420* Not available NTIS

**PAT-APPL-6-339 204**
Aircraft Thrust Control Scheme for Terrain Following System.
PATENT-4 467 429 **04**-*507,941* Not available NTIS

**PAT-APPL-6-339 257**
High Energy Laser Mirror.
PATENT-4 443 059 **01**-*502,398* Not available NTIS

**PAT-APPL-6-340 397**
Switching Mixer.
PATENT-4 492 960 **14**-*531,719* Not available NTIS

**PAT-APPL-6-342 828**
Optical Fiber Coupling Method and Apparatus.
PATENT-4 523 810 **22**-*551,337* Not available NTIS

**PAT-APPL-6-342 871**
Glass Heating Panels and Method for Preparing the Same from Architectural Reflective Glass.
PATENT-4 459 470 **02**-*504,245* Not available NTIS

**PAT-APPL-6-343 032**
Synthesis of Arylene Siloxanylene Polymers and Copolymers.
PATENT-4 518 759 **23**-*552,467* Not available NTIS

**PAT-APPL-6-343 041**
Mirror Actuator Control System.
PATENT-4 467 186 **03**-*506,913* Not available NTIS

**PAT-APPL-6-343 042**
Multiple Loop Sidelobe Canceller.
PATENT-4 495 502 **11**-*524,917* Not available NTIS

**PAT-APPL-6-343 136**
Gas Contamination Detection Device.
PATENT-4 472 356 **04**-*509,864* Not available NTIS

**PAT-APPL-6-343 644**
Suppression of Vibration Effects on Piezoelectric Crystal Resonators,
PATENT-4 453 141 **14**-*531,653* Not available NTIS

**PAT-APPL-6-344 236**
Phanton Computer Gating System.
PATENT-4 459 935 **10**-*522,574* Not available NTIS

**PAT-APPL-6-345 454**
Optically Triggered Transferred-Electron Device Microwave Burst and Single Pulse Generators.
PATENT-4 481 485 **14**-*531,654* Not available NTIS

**PAT-APPL-6-347 129**
Recirculating Wiper for Agricultural Chemicals.
PATENT-4 471 570 **02**-*502,829* Not available NTIS

**PAT-APPL-6-347 219**
Compact Wideband Multiple Conductor Monopole Antenna.
PATENT-4 466 003 **03**-*506,227* Not available NTIS

**PAT-APPL-6-347 383**
Photo-Reconnaissance System.
PATENT-4 442 453 **01**-*502,019* Not available NTIS

**PAT-APPL-6-347 391**
Multiple Site Laser Excited Pollution Monitoring System.
PATENT-4 516 858 **23**-*553,685* Not available NTIS

**PAT-APPL-6-347 749**
Angle Set-On Apparatus.
PATENT-4 517 568 **23**-*553,700* Not available NTIS

**PAT-APPL-6-348 462**
2-Acetyl Quinoline Thiosemicarbazones Useful in Treatment of Gonorrhea, Malaria or Bacterial Infections.
PATENT-4 440 771 **01**-*500,822* Not available NTIS

**PAT-APPL-6-348 539**
Sampling Device.
PATENT-4 447 395 **01**-*500,791* Not available NTIS

**PAT-APPL-6-349 313**
Silver Stains for Protein in Gels-A Modified Procedure.
PATENT-4 468 466 **01**-*501,081* Not available NTIS

**PAT-APPL-6-350 471**
Moisture Content and Gas Sampling Device.
PATENT-4 515 751 **22**-*550,848* Not available NTIS

**PAT-APPL-6-350 477**
Imaging X-Ray Spectrometer.
PATENT-4 472 728 **02**-*504,491* Not available NTIS

**PAT-APPL-6-353 981**
Unstable Optical Resonator with Cancelling Edge Waves.
PATENT-4 477 909 **03**-*507,355* Not available NTIS

**PAT-APPL-6-353 983**
Hardwire Missile Receiver Coupler.
PATENT-4 465 985 **03**-*506,226* Not available NTIS

**PAT-APPL-6-355 952**
Amplitude Mode Magnetic Sensors.
PATENT-4 471 219 **03**-*506,907* Not available NTIS

**PAT-APPL-6-356 576**
Di-Acetylenyl-Substituted 2-Phenylbenzothiazoles.
PATENT-4 442 293 **01**-*500,956* Not available NTIS

**PAT-APPL-6-356 814**
Visible and Ultraviolet Lasers Based on Excimer Transitions in the Homonuclear Halogens.
PAT-APPL-6-356 814 **02**-*504,886* PC **A02**/MF **A01**

**PAT-APPL-6-357 441**
Simultaneous Doped Layers for Semiconductor Devices.
PATENT-4 523 212 **26**-*560,664* Not available NTIS

**PAT-APPL-6-358 088**
Means and Method for Calibrating a Photon Detector Utilizing Electron-Photon Coincidence.
PATENT-4 469 942 **02**-*504,574* Not available NTIS

**PAT-APPL-6-359 382**
Method and Apparatus for Delta Kappa Synthetic Aperture Radar Measurement of Ocean Current.
PATENT-4 509 048 **26**-*560,572* Not available NTIS

**PAT-APPL-6-359 627**
Low Gravity Exothermic Heating/Cooling Apparatus.
PATENT-4 513 810 **22**-*550,567* Not available NTIS

**PAT-APPL-6-361 016**
Stereoscopic Video Imagery Generation.
PATENT-4 510 525 **23**-*553,720* Not available NTIS

**PAT-APPL-6-361 217**
Acoustic Agglomeration Methods and Apparatus.
PATENT-4 475 921 **15**-*534,186* Not available NTIS

**PAT-APPL-6-364 041**
Method for Determining the Point of Zero zeta Potential of Semiconductors.
PATENT-4 511 838 **24**-*556,153* Not available NTIS

**PAT-APPL-6-364 098**
Calibration Method for Acoustic Scattering Measurements Using a Spherical Target.
PATENT-4 476 549 **11**-*525,326* Not available NTIS

**PAT-APPL-6-364 290**
Supercritical CO2 Extraction of Lipids from Lipid-Containing Materials.
PATENT-4 466 923 **01**-*501,080* Not available NTIS

**PAT-APPL-6-364 944**
Rotating Tool Wear Monitoring Apparatus.
PATENT-4 471 444 **07**-*515,169* Not available NTIS

**PAT-APPL-6-365 816**
Real Time Data Smoother and Significant Values Selector.
PATENT-4 493 047 **14**-*531,692* Not available NTIS

**PAT-APPL-6-366 103**
Epitaxial Thinning Process.
PATENT-4 462 871 **03**-*506,749* Not available NTIS

**PAT-APPL-6-366 165**
Isolation of Hepatitis A Virus Strain HM-175.
PATENT-4 532 215 **24**-*555,144* Not available NTIS

**PAT-APPL-6-366 732**
Eddy Current Test Probe with Circumferential Segments and Method of Testing Material Surrounding Fastener Holes.
PATENT-4 495 466 **10**-*522,505* Not available NTIS

**PAT-APPL-6-366 745**
Azido Nitramino Ethers.
PATENT-4 440 687 **01**-*502,757* Not available NTIS

**PAT-APPL-6-366 746**
SAW Oscillator with Digital Compensation for the Temperature Related Frequency Changes.
PATENT-4 489 289 **10**-*522,012* Not available NTIS

**PAT-APPL-6-367 132**
Television Camera Video Level Control System.
PATENT-4 495 520 **15**-*534,495* Not available NTIS

**PAT-APPL-6-367 136**
State-of-Charge Coulometer.
PATENT-4 499 424 **15**-*534,388* Not available NTIS

**PAT-APPL-6-368 188**
Simplified DC to DC Converter.
PATENT-4 464 710 **02**-*503,860* Not available NTIS

**PAT-APPL-6-368 787**
Electro-Optical Target Detection.
PATENT-4 465 940 **03**-*506,906* Not available NTIS

**PAT-APPL-6-368 793**
Apparatus and Method for Determining the Phase Sensitivity of Hydrophones.
PATENT-4 453 238 **03**-*507,255* Not available NTIS

**PAT-APPL-6-370 020**
Polybutylbenzylphenols and Benzyl-3,4-Methylenedioxbenzenes in Insect Population Control.
PATENT-4 482 728 **05**-*511,080* Not available NTIS

**PAT-APPL-6-370 027**
Piezoelectric Polymer Heat Exchanger.
PAT-APPL-6-370 027 **01**-*501,702* PC **A02**/MF **A01**

**PAT-APPL-6-370 232**
Detonator Block.

PATENT-4 442 776 **01**-*502,322* Not available NTIS

**PAT-APPL-6-370 234**
Range-Only Multistatic Radar System.
PATENT-4 499 468 **15**-*534,520* Not available NTIS

**PAT-APPL-6-370 755**
Fiber Optic Gyroscope with Alternating Output Signal.
PATENT-4 491 413 **17**-*538,813* Not available NTIS

**PAT-APPL-6-371 351**
Process and Apparatus for Growing a Crystal Ribbon.
PATENT-4 469 552 **03**-*505,813* Not available NTIS

**PAT-APPL-6-372 341**
High Temperature Ultra-High Vacuum Infrared Window Seal.
PATENT-4 448 000 **03**-*507,329* Not available NTIS

**PAT-APPL-6-372 364**
Diffusion Barrier for Long Wavelength Laser Diodes.
PATENT-4 479 222 **04**-*510,218* Not available NTIS

**PAT-APPL-6-372 861**
High Pressure Liquid Level Monitor.
PATENT-4 447 743 **06**-*513,924* Not available NTIS

**PAT-APPL-6-373 084**
Method and Means for Providing Frequency Agile Operation of MTI (Moving Target Indicator) Radar.
PATENT-4 495 501 **11**-*524,930* Not available NTIS

**PAT-APPL-6-373 770**
Correlation Spectrometer Having High Resolution and Multiplexing Capability.
PATENT-4 474 471 **03**-*506,815* Not available NTIS

**PAT-APPL-6-373 943**
Sonobuoy Float Inflation and Depth Selection Initiators.
PATENT-4 493 664 **14**-*532,210* Not available NTIS

**PAT-APPL-6-375 553**
Lysis of 'Trypanosoma Cruzi'.
PATENT-4 474 772 **03**-*505,638* Not available NTIS

**PAT-APPL-6-375 620**
Method of Measuring Sea Surface Water Temperature with a Satellite Including Wideband Passive Synthetic-Aperture Multichannel Receiver.
PATENT-4 499 470 **15**-*533,747* Not available NTIS

**PAT-APPL-6-375 621**
Axial Flow Laser Cavity.
PATENT-4 483 006 **11**-*525,370* Not available NTIS

**PAT-APPL-6-375 622**
Holographic Directional Coupler for Fiber Optic Systems.
PATENT-4 465 332 **03**-*507,351* Not available NTIS

**PAT-APPL-6-375 684**
Solar Powered Actuator with Continuously Variable Auxiliary Power Control.
PATENT-4 489 243 **15**-*533,952* Not available NTIS

**PAT-APPL-6-376 852**
Method for Controlled Burnout of Abandoned Coal Mines and Waste Banks.
PATENT-4 387 655 **07**-*514,923* Not available NTIS

**PAT-APPL-6-377 106**
P1 Polyphase Code Expander-Compressor.
PATENT-4 513 289 **24**-*556,226* Not available NTIS

**PAT-APPL-6-377 107**
Phase Coded Pulse Expander-Compressor.
PATENT-4 524 362 **24**-*556,227* Not available NTIS

**PAT-APPL-6-377 108**
P2 Polyphase Code Expander-Compressor.
PATENT-4 524 363 **24**-*556,228* Not available NTIS

**PAT-APPL-6-377 876**
Thermochemical Energy Transport Using a Hydrogen Rich Working Fluid.
PATENT-4 484 618 **17**-*537,704* Not available NTIS

**PAT-APPL-6-377 891**
Apparatus for Disintegrating Kidney Stones.
PATENT-4 474 180 **03**-*505,628* Not available NTIS

**PAT-APPL-6-379 601**
Acoustic Particle Separation.
PATENT-4 523 682 **24**-*555,255* Not available NTIS

**PAT-APPL-6-379 685**
Tactical Expendable Device.
PATENT-4 473 896 **11**-*524,866* Not available NTIS

**PAT-APPL-6-380 374**
Wrapping Machine.
PATENT-4 516 385 **20**-*545,903* Not available NTIS

**PAT-APPL-6-380 471**
Vibration Dosimeter.
PATENT-4 475 401 **03**-*505,742* Not available NTIS

**PAT-APPL-6-381 099**
Lithium-6 Coated Wire Mesh Neutron Detector.
PATENT-4 481 421 **11**-*525,037* Not available NTIS

**PAT-APPL-6-382 068**
Reduction of Signal Modulation Caused by Polarization in Visible Optical Scanning Systems.
PATENT-4 477 152 **04**-*509,955* Not available NTIS

**PAT-APPL-6-382 069**
Three-Stage Binary Coincidence Detector Apparatus with Adaptive Constant False Alarm Rate.
PATENT-4 523 325 **26**-*560,727* Not available NTIS

**PAT-APPL-6-382 070**
Laminated Thermoplastic Radome.
PATENT-4 506 269 **16**-*536,545* Not available NTIS

**PAT-APPL-6-382 324**
Delta Wing Nozzle Assembly for Chemical Lasers.
PATENT-4 466 100 **04**-*510,216* Not available NTIS

**PAT-APPL-6-382 850**
Phase-Lock Fiber Optic Interferometer.
PATENT-4 486 657 **14**-*532,276* Not available NTIS

**PAT-APPL-6-382 903**
Method of Making Stable Emulsified Meat Products.
PATENT-4 478 859 **05**-*511,086* Not available NTIS

**PAT-APPL-6-383 068**
Saltless Solar Pond.
PATENT-4 470 403 **03**-*506,359* Not available NTIS

**PAT-APPL-6-383 086**
Method of and Apparatus for Measuring Temperature and Pressure.
PATENT-4 493 553 **15**-*534,385* Not available NTIS

**PAT-APPL-6-383 429**
Geomagnetic Velocimeter.
PATENT-4 509 131 **17**-*537,036* Not available NTIS

**PAT-APPL-6-383 867**
Atmospheric Transmissometer.
PATENT-4 469 443 **11**-*524,815* Not available NTIS

**PAT-APPL-6-384 292**
Multiple Double Heterojunction Buried Laser Device.
PATENT-4 484 332 **11**-*525,371* Not available NTIS

**PAT-APPL-6-384 547**
Digital Control of Diode Laser for Atmospheric Spectroscopy.
PATENT-4 509 130 **22**-*549,419* Not available NTIS

**PAT-APPL-6-385 220**
Arrangement for Damping the Resonance in a Laser Diode.
PATENT-4 513 423 **24**-*556,663* Not available NTIS

**PAT-APPL-6-385 674**
Fluorination by Inorganic Fluorides in Glow Discharge.
PATENT-4 508 781 **18**-*540,354* Not available NTIS

**PAT-APPL-6-386 127**
Remote Self-Contained Undersea Monitor.
PATENT-4 480 323 **11**-*524,826* Not available NTIS

**PAT-APPL-6-386 154**
Lightweight Neutron Detector.
PATENT-4 463 264 **11**-*525,036* Not available NTIS

**PAT-APPL-6-386 465**
Solid State Hydrogen Pumping and Storage Material.
PATENT-4 489 049 **14**-*532,823* Not available NTIS

**PAT-APPL-6-386 828**
Orthogonalizer for Inphase and Quadrature Digital Data.
PATENT-4 489 392 **17**-*538,018* Not available NTIS

**PAT-APPL-6-386 991**
Inactivation of a Lipid Virus.
PATENT-4 511 556 **18**-*540,168* Not available NTIS

**PAT-APPL-6-387 133**
Spatial Frequency Multiplexed Coherent Optical Processor for Calculating Generalized Moments.
PATENT-4 505 544 **24**-*555,544* Not available NTIS

**PAT-APPL-6-387 646**
Self-Locking Mechanical Center Joint.
PATENT-4 518 277 **24**-*556,079* Not available NTIS

**PAT-APPL-6-387 647**
Method and Apparatus for Transfer Function Simulator for Testing Complex Systems.
PATENT-4 509 132 **26**-*560,724* Not available NTIS

**PAT-APPL-6-387 648**
Ingot Slicing Machine and Method.
PATENT-4 475 527 **15**-*534,268* Not available NTIS

**PAT-APPL-6-387 649**
Inflight IFR Procedures Simulator.
PATENT-4 490 117 **13**-*528,633* Not available NTIS

**PAT-APPL-6-388 327**
High Sensitivity Millimeter-Wave Measurement Apparatus.
PATENT-4 510 622 **23**-*552,864* Not available NTIS

**PAT-APPL-6-388 563**
Dual Band, Low Sidelobe, High Efficiency Mirror Antenna.
PATENT-4 471 359 **03**-*506,231* Not available NTIS

**PAT-APPL-6-388 574**
Kalman Filter Preprocessor.
PATENT-4 511 219 **23**-*552,829* Not available NTIS

**PAT-APPL-6-389 139**
Low Sidelobe, High Efficiency Mirror Antenna with Twist Reflector.
PATENT-4 504 835 **24**-*555,592* Not available NTIS

**PAT-APPL-6-389 315**
Acceleration-Resistant Crystal Resonator.
PATENT-4 410 822 **14**-*531,651* Not available NTIS

**PAT-APPL-6-391 624**
Pseudo Atmospheric Noise Generator having Variable Amplitude Probability Distributions and Discharge Fine Structure.
PATENT-4 470 022 **10**-*522,008* Not available NTIS

**PAT-APPL-6-392 094**
Spray Applicator for Spraying Coatings and Other Fluids in Space.
PATENT-4 519 545 **22**-*550,785* Not available NTIS

**PAT-APPL-6-392 104**
Slow Opening Valve.
PATENT-4 483 512 **13**-*530,711* Not available NTIS

**PAT-APPL-6-392 944**
Method for Growth of Crystals by Pressure Reduction of Supercritical or Subcritical Solution.
PATENT-4 512 846 **22**-*551,255* Not available NTIS

**PAT-APPL-6-393 246**
Directional Line-Hydrophone Array Calibrator.
PATENT-4 468 760 **03**-*506,872* Not available NTIS

**PAT-APPL-6-393 582**
Connection System.
PATENT-4 483 639 **15**-*534,239* Not available NTIS

**PAT-APPL-6-393 584**
Slide Release Mechanism.
PATENT-4 512 678 **24**-*556,035* Not available NTIS

**PAT-APPL-6-393 834**
Translating Rudder Pedal System.
PATENT-4 484 722 **10**-*520,970* Not available NTIS

**PAT-APPL-6-394 566**
Fast Response Impulse Generator.
PATENT-4 444 119 **01**-*502,063* Not available NTIS

**PAT-APPL-6-394 945**
Metallic Aid and Technique in Fitting Voice Prosthesis.
PATENT-4 465 068 **03**-*505,741* Not available NTIS

**PAT-APPL-6-395 431**
Polarimetric Image Recorder.
PATENT-4 490 016 **14**-*532,303* Not available NTIS

**PAT-APPL-6-398 132**
Retinal Information Mapping System.
PATENT-4 494 838 **10**-*521,592* Not available NTIS

**PAT-APPL-6-398 134**
Self-Detecting Optical Sensors.
PATENT-4 505 582 **16**-*535,974* Not available NTIS

**PAT-APPL-6-399 257**
Prevention of Graft Versus Host Disease Following Bone Marrow Transplantation.
PATENT-4 500 637 **13**-*528,816* Not available NTIS

**PAT-APPL-6-399 519**
Dual Sense, Circularly Polarized Helical Antenna.
PATENT-4 494 117 **17**-*538,019* Not available NTIS

**PAT-APPL-6-400 571**
Systems for Monitoring Changes in Elastic Stiffness in Composite Materials.
PATENT-4 499 770 **11**-*524,817* Not available NTIS

**PAT-APPL-6-401 282**
Hemispherical Latching Apparatus.
PATENT-4 508 296 **24**-*556,034* Not available NTIS

**PAT-APPL-6-402 016**
Sampled Towed Array Telemetry.
PATENT-4 464 739 **03**-*506,871* Not available NTIS

**PAT-APPL-6-402 205**
Split-Cross-Bridge Resistor for Testing for Proper Fabrication of Integrated Circuits.
PATENT-4 516 071 **24**-*556,058* Not available NTIS

**PAT-APPL-6-402 352**
Isoelectric Focussing-Polynucleotide/Polyacrylamide Gel Electrophoresis.
PATENT-4 495 279 **11**-*523,666* Not available NTIS

**PAT-APPL-6-402 403**
High Resolution Diffraction Grating.
PATENT-4 475 792 **11**-*525,381* Not available NTIS

**PAT-APPL-6-403 214**
Fast Switching Driver for Inductive Load, Such as a Phase Shifter.
PATENT-4 469 961 **03**-*506,921* Not available NTIS

**PAT-APPL-6-403 246**
Infrared System with Computerized Image Display.
PATENT-4 520 504 **23**-*553,794* Not available NTIS

**PAT-APPL-6-403 247**
Measurement of Visual Contrast Sensitivity.
PATENT-4 511 228 **23**-*552,386* Not available NTIS

**PAT-APPL-6-403 378**
Overlay Metallic-Cermet Alloy Coating Systems.
PATENT-4 446 199 **02**-*504,042* Not available NTIS

**PAT-APPL-6-403 848**
Method and Apparatus for Self-Calibration and Phasing of Array Antenna.
PATENT-4 488 155 **15**-*533,875* Not available NTIS

**PAT-APPL-6-404 096**
Dual Mode Radio Frequency-Infrared Frequency System.
PATENT-4 477 814 **04**-*509,953* Not available NTIS

**PAT-APPL-6-405 465**
Betatron Accelerator Having High Ratio of Budker Parameter to Relativistic Factor.
PATENT-4 481 475 **11**-*525,426* Not available NTIS

**PAT-APPL-6-405 772**
Fluorinated Diacrylic Esters.
PATENT-4 452 998 **03**-*506,365* Not available NTIS

**PAT-APPL-6-406 428**
Fast Granular Superconducting Bolometer.
PATENT-4 464 065 **03**-*506,812* Not available NTIS

**PAT-APPL-6-407 232**
Implantation Device for Use In vivo Stimulation and Collection of Monocytes from Peritoneum of Vertebrate.
PATENT-4 505 277 **20**-*544,748* Not available NTIS

**PAT-APPL-6-407 985**
Measurement of Permittivity and Permeability of Microwave Materials.
PATENT-4 507 602 **16**-*536,397* Not available NTIS

**PAT-APPL-6-409 680**
Portable Pallet Weighing Apparatus.
PATENT-4 479 560 **13**-*529,832* Not available NTIS

**PAT-APPL-6-411 196**
Spectrophotometric Method for Simultaneously Analyzing Protein and Fat Contents in Milk.
PATENT-4 497 898 **11**-*523,808* Not available NTIS

**PAT-APPL-6-411 946**
Voice Command Weapons Launching System.
PATENT-4 471 683 **03**-*507,246* Not available NTIS

**PAT-APPL-6-412 039**
System for Indicating Fuel-Efficient Aircraft Altitude.
PATENT-4 474 062 **03**-*505,307* Not available NTIS

**PAT-APPL-6-413 297**
Wet Film Applicator.
PATENT-4 476 806 **04**-*509,792* Not available NTIS

**PAT-APPL-6-414 129**
Quasioptical Gyroklystron.
PATENT-4 491 765 **17**-*537,902* Not available NTIS

**PAT-APPL-6-414 237**
Dual Differential Interferometer.
PATENT-4 512 661 **24**-*556,154* Not available NTIS

**PAT-APPL-6-414 904**
Blood Pressure Cuff Calibration System.
PATENT-4 471 646 **02**-*503,405* Not available NTIS

**PAT-APPL-6-415 639**
W-Shaped Diffused Stripe GaAs/AlGaAs (Gallium Arsenide/Aluminium Gallium Arsenide) Laser.
PATENT-4 521 887 **24**-*556,664* Not available NTIS

**PAT-APPL-6-415 879**
Apparatus and Method to Keep the Walls of a Free-Space Reactor Free from Deposits of Solid Materials.
PATENT-4 500 492 **15**-*534,068* Not available NTIS

**PAT-APPL-6-415 960**
Linear Magnetic Bearings.
PATENT-4 473 259 **13**-*529,760* Not available NTIS

**PAT-APPL-6-416 192**
Method of Enhancing the Removal of Methane Gas and Associated Fluids from Mine Boreholes.
PATENT-4 474 409 **03**-*506,020* Not available NTIS

**PAT-APPL-6-417 726**
Deployable Folded Antenna Apparatus.
PATENT-4 482 900 **10**-*522,010* Not available NTIS

**PAT-APPL-6-417 931**
Fluorinated Aliphatic Polyalkylether Lubricant with an Additive Composed of an Aromatic Phosphine Substituted with Perfluoroalkylether Groups.
PATENT-4 443 349 **01**-*501,568* Not available NTIS

**PAT-APPL-6-418 867**
Rippled-Field Magnetron Apparatus.
PATENT-4 465 953 **03**-*506,072* Not available NTIS

**PAT-APPL-6-418 947**
Pneumatic Actuator Device.
PATENT-4 510 846 **23**-*553,591* Not available NTIS

**PAT-APPL-6-418 952**
Windblast Arm Protector Assembly.
PATENT-4 482 112 **10**-*520,955* Not available NTIS

**PAT-APPL-6-420 209**
Phase-Coded Pulse Expander-Compressor.
PATENT-4 509 051 **24**-*556,225* Not available NTIS

**PAT-APPL-6-421 766**
P-N Junction Controlled Field Emitter Array Cathode.
PATENT-4 513 308 **24**-*555,479* Not available NTIS

**PAT-APPL-6-422 122**
Frequency-Spreading Coupler.
PATENT-4 496 876 **17**-*537,905* Not available NTIS

**PAT-APPL-6-422 429**
Turbulence Measurement Interferometer Apparatus.
PATENT-4 465 372 **03**-*506,813* Not available NTIS

**PAT-APPL-6-422 430**
RF-Primed High Power Halogen Vial Apparatus.
PATENT-4 496 917 **11**-*524,879* Not available NTIS

**PAT-APPL-6-422 941**
Method and Apparatus for Generating Monopulse Ultrasonic Signals.
PATENT-4 507 762 **19**-*543,067* Not available NTIS

**PAT-APPL-6-423 016**
Portable Remote Laser Sensor for Methane Leak Detection.
PATENT-4 489 239 **15**-*534,383* Not available NTIS

**PAT-APPL-6-423 402**
Microemulsions from Vegetable Oil and Aqueous Alcohol with 1-Butanol Surfactant as Alternative Fuel for Diesel Engines.
PATENT-4 526 586 **23**-*554,488* Not available NTIS

**PAT-APPL-6-423 404**
Method for Preparing Improved Quality Rice-Containing Baked Products.
PATENT-4 508 736 **18**-*540,137* Not available NTIS

**PAT-APPL-6-423 574**
Method of Generating Single-Event, Unconfined Fuel-Air Detonation.
PATENT-4 463 680 **01**-*502,323* Not available NTIS

**PAT-APPL-6-425 202**
Ranging System Which Compares an Object Reflected Component of a Light Beam to a Reference Component of the Light Beam.
PATENT-4 533 242 **26**-*561,294* Not available NTIS

**PAT-APPL-6-425 204**
Retinally Stabilized Differential Resolution Television Display.
PATENT-4 513 317 **22**-*550,951* Not available NTIS

**PAT-APPL-6-425 205**
Self-Charging Metering and Dispensing Device for Fluids.
PATENT-4 488 663 **15**-*535,302* Not available NTIS

**PAT-APPL-6-426 438**
Rapid Production of Ispropenyl Esters.
PATENT-4 488 996 **08**-*516,359* Not available NTIS

**PAT-APPL-6-427 857**
Dimeric Enkephalins.
PATENT-4 468 383 **02**-*503,425* Not available NTIS

**PAT-APPL-6-429 923**
Rim-Drive Cable-Aligned Heliostat Collector System.
PAT-APPL-6-429 923 **26**-*560,802* PC **A03**/MF **A01**

**PAT-APPL-6-431 420**
Method for Driving Two-Phase Turbines with Enhanced Efficiency.
PATENT-4 514 137 **22**-*550,331* Not available NTIS

**PAT-APPL-6-431 434**
Nickel-Cadmium Battery Conditioner and Tester Apparatus.
PATENT-4 517 517 **23**-*553,111* Not available NTIS

**PAT-APPL-6-431 435**
Mounting Construction for Turbine Vane Assembly.
PATENT-4 477 222 **04**-*510,539* Not available NTIS

**PAT-APPL-6-431 865**
Bandpass Filter Formed by Serial Gratings Operating in a Wood's Anomaly Region.
PATENT-4 502 756 **16**-*536,780* Not available NTIS

**PAT-APPL-6-431 866**
Sensor System.
PATENT-4 517 464 **23**-*553,793* Not available NTIS

**PAT-APPL-6-431 981**
Optical RF Downconverter.
PATENT-4 468 766 **03**-*507,353* Not available NTIS

**PAT-APPL-6-432 215**
Temperature-Insensitive Optical Fibers.
PATENT-4 482 205 **11**-*525,382* Not available NTIS

**PAT-APPL-6-434 085**
Reactanceless Synthesized Impedance Bandpass Amplifier.
PATENT-4 521 702 **22**-*550,298* Not available NTIS

**PAT-APPL-6-434 647**
Combustion Chamber Floatwall Panel Attachment Arrangement.
PATENT-4 471 623 **03**-*507,854* Not available NTIS

**PAT-APPL-6-434 671**
Optical System for Measuring Shadowgraph Data.
PATENT-4 500 206 **15**-*534,515* Not available NTIS

**PAT-APPL-6-434 998**
Acceleration Sensitivity Reduction Method.
PATENT-4 451 755 **14**-*531,652* Not available NTIS

**PAT-APPL-6-435 155**
Gyrotron Traveling-Wave Device Including Quarter Wavelength Anti-Reflective Dielectric Layer to Enhance Microwave Absorption.
PATENT-4 494 039 **17**-*537,904* Not available NTIS

**PAT-APPL-6-435 156**
Superlattice Ultrasonic Wave Generator.
PATENT-4 469 977 **03**-*507,256* Not available NTIS

**PAT-APPL-6-435 522**
Imaging Apparatus for Transverse Electrode Electro-Optic Tunable Filter.
PATENT-4 494 827 **11**-*525,383* Not available NTIS

**PAT-APPL-6-436 124**
Twin-Etalon Scanning Spectrometer.
PATENT-4 525 067 **21**-*549,062* Not available NTIS

**PAT-APPL-6-436 497**
Strain of 'Trichoderma viride' to Control Fusarium Wilt.
PATENT-4 489 161 **08**-*516,158* Not available NTIS

**PAT-APPL-6-436 541**
Production of Food-Grade Corn Germ Product by Supercritical Fluid Extraction.
PATENT-4 495 207 **11**-*523,807* Not available NTIS

**PAT-APPL-6-437 092**
System for Rapid Repair of Damaged Airfield Runways.
PATENT-4 404 244 **03**-*505,309* Not available NTIS

**PAT-APPL-6-437 098**
Fiber Optic Sensors Operating at DC.
PATENT-4 495 411 **17**-*538,724* Not available NTIS

**PAT-APPL-6-437 655**
Process for the Epitaxial Deposition of III-V Compounds Utilizing a Continuous In-Situ Hydrogen Chloride Etch.
PATENT-4 488 914 **11**-*523,937* Not available NTIS

**PAT-APPL-6-437 912**
Closed Loop Electrostatic Levitation System.
PATENT-4 521 854 **22**-*550,272* Not available NTIS

**PAT-APPL-6-437 917**
Method of and Apparatus for Generating an Interstitial Point in a Data Stream Having an Even Number of Data Points.
PATENT-4 528 639 **26**-*560,701* Not available NTIS

**PAT-APPL-6-438 239-82**
Deep Submergence Vehicle (DSV) Lightweight Cable Cutter.
PATENT-4 463 496 **10**-*522,416* Not available NTIS

**PAT-APPL-6-439 493**
Acoustically Tuned Optical Filter System.
PATENT-4 514 056 **23**-*554,239* Not available NTIS

**PAT-APPL-6-440 656**
Phthalocyanine Polymers.
PATENT-4 499 260 **15**-*533,479* Not available NTIS

**PAT-APPL-6-440 685**
Controlled-Linewidth Laser Source.
PATENT-4 503 541 **17**-*539,332* Not available NTIS

**PAT-APPL-6-440 687**
Alloys and Method of Making.
PATENT-4 469 536 **03**-*506,444* Not available NTIS

**PAT-APPL-6-441 814**
Helmet Mounted Telescope.
PATENT-4 465 347 **03**-*507,352* Not available NTIS

**PAT-APPL-6-441 816**
Slow Wave Circuit with Shaped Dielectric Substrate.
PATENT-4 465 988 **04**-*509,188* Not available NTIS

**PAT-APPL-6-441 897**
Longwall Shearer Tracking System.
PATENT-4 466 667 **02**-*503,714* Not available NTIS

**PAT-APPL-6-442 212**
Variable Radix Processor.
PATENT-4 528 641 **26**-*560,702* Not available NTIS

**PAT-APPL-6-442 494**
Snow Scale/Rate Meter.
PATENT-4 499 761 **15**-*533,010* Not available NTIS

**PAT-APPL-6-442 496**
Fall Velocity Indicator/Viewer.
PATENT-4 514 758 **23**-*552,045* Not available NTIS

**PAT-APPL-6-442 497**
Fiber Optic System for Measuring Electric Fields.
PATENT-4 524 322 **24**-*556,159* Not available NTIS

**PAT-APPL-6-444 003**
Wide Angle Phased Array Dome Lens Antenna with a Reflection/Transmission Switch.
PATENT-4 491 845 **10**-*522,013* Not available NTIS

**PAT-APPL-6-444 004**
Ferromagnetic Resonance Probe Liftoff Suppression Apparatus.
PATENT-4 528 506 **26**-*561,292* Not available NTIS

**PAT-APPL-6-444 139**
Balanced System for Ranging and Synchronization between Satellite Pairs.
PATENT-4 494 211 **17**-*538,790* Not available NTIS

**PAT-APPL-6-445 112**
Bagworm Moth Attractant and Plant Protectant.
PATENT-4 474 755 **03**-*505,822* Not available NTIS

**PAT-APPL-6-445 639**
Low Sidelobe Phased Array Antenna System.
PATENT-4 489 324 **11**-*524,929* Not available NTIS

**PAT-APPL-6-445 646**
Detection of Angular Modulated Electromagnetic Signals.
PATENT-4 490 829 **11**-*524,878* Not available NTIS

**PAT-APPL-6-445 887**
Releasable Cable Connector Assembly for Use between a Mobile and Stationary Object.
PATENT-4 490 002 **10**-*522,364* Not available NTIS

**PAT-APPL-6-446 284**
Wave Powered Buoy Generator.
PATENT-4 492 875 **14**-*531,803* Not available NTIS

**PAT-APPL-6-446 408**
Ultrasonic Therapy Applicator That Measures Dosage.
PATENT-4 501 151 **18**-*540,159* Not available NTIS

**PAT-APPL-6-448 441**
Beam Forming Network.
PATENT-4 503 436 **22**-*550,297* Not available NTIS

**PAT-APPL-6-448 675**
Modified Starches as Extenders for Absorbent Polymers.
PATENT-4 483 950 **05**-*511,240* Not available NTIS

**PAT-APPL-6-449 922**
Biodynamic Resistant Control Stick.
PATENT-4 477 043 **03**-*505,305* Not available NTIS

**PAT-APPL-6-450 319**
Three-Phase Power Factor Controller with Induced EMF Sensing.
PATENT-4 469 998 **02**-*503,845* Not available NTIS

**PAT-APPL-6-451 893**
Method for Bonding Insulator to Insulator.
PATENT-4 452 624 **03**-*506,364* Not available NTIS

**PAT-APPL-6-452 466**
Fire Blocking Systems for Aircraft Seat Cushions.
PATENT-4 463 465 **02**-*502,798* Not available NTIS

**PAT-APPL-6-452 601**
Laser Target Speckle Eliminator.
PATENT-4 511 220 **23**-*554,238* Not available NTIS

**PAT-APPL-6-452 604**
Pulse Transformer Package for Impedance Matching a Laser Diode to a Transmission Line.
PATENT-4 485 361 **11**-*525,372* Not available NTIS

**PAT-APPL-6-453 444**
Torso Restraint System.
PATENT-4 488 691 **14**-*530,781* Not available NTIS

**PAT-APPL-6-453 631**
Lightweight, Broadband Rayleigh Wave Transducer.
PATENT-4 462 256 **03**-*506,071* Not available NTIS

**PAT-APPL-6-454 081**
Machine with an Intermittently Rotating Table for the Performance of Work Operations.
PATENT-4 523 359 **26**-*561,207* Not available NTIS

**PAT-APPL-6-455 187**
Universal Ripper Miner.
PATENT-4 501 448 **18**-*540,511* Not available NTIS

**PAT-APPL-6-455 362**
Recovery of Alcohol from a Fermentation Source by Separation Rather Than Distillation.
PATENT-4 508 929 **23**-*552,466* Not available NTIS

**PAT-APPL-6-455 366**
Embedment System for Ultrahigh-Burning Rate Propellants of Solid Propulsion Subsystems,
PATENT-4 441 942 **01**-*502,758* Not available NTIS

**PAT-APPL-6-455 673**
Osteoclast for Whole Bone Testing.
PATENT-4 483 198 **10**-*521,591* Not available NTIS

**PAT-APPL-6-455 674**
Multi-Color X-Ray Line Source.
PATENT-4 523 327 **26**-*561,723* Not available NTIS

**PAT-APPL-6-455 677**
Self-Guarding Schottky Barrier Infrared Detector Array.
PATENT-4 531 055 **26**-*561,352* Not available NTIS

**PAT-APPL-6-457 990**
Shuttle Car Loading System.
PATENT-4 537 554 **26**-*560,633* Not available NTIS

**PAT-APPL-6-457 992**
Trace Water Sensor.
PATENT-4 514 178 **22**-*550,847* Not available NTIS

**PAT-APPL-6-459 073**
Laser Generation of Ultrasonic Waveform Reconstructions.
PAT-APPL-6-459 073 **02**-*504,846* PC **A02**/MF **A01**
Laser Generation of Ultrasonic Waveform Reconstructions.
PATENT-4 523 469 **24**-*556,158* Not available NTIS

**PAT-APPL-6-459 159**
Dual Mode Directionally Coupled Band Reject Filter Apparatus.
PATENT-4 477 787 **03**-*506,232* Not available NTIS

**PAT-APPL-6-459 842**
Three-Dimensional and Tomographic Imaging Device for X-ray and gamma-Ray Emitting Objects.
PATENT-4 521 688 **24**-*556,157* Not available NTIS

**PAT-APPL-6-460 509**
Impacting Device for Testing Insulation.
PATENT-4 470 293 **02**-*504,490* Not available NTIS

**PAT-APPL-6-461 299**
Synthetic Pheromone and Its Use in Controlling the Southern Corn Rootworm and Related Diabroticites.
PATENT-4 474 991 **03**-*505,722* Not available NTIS

**PAT-APPL-6-461 424**
Cooled Turbine Blade Tip Closure.
PATENT-4 487 550 **10**-*523,192* Not available NTIS

**PAT-APPL-6-461 426**
Bipolar Digitizer Having Compression Capability.
PATENT-4 528 549 **26**-*560,700* Not available NTIS

**PAT-APPL-6-461 427**
Radar Calibration Using Direct Measurement Equipment and Oblique Photometry.
PATENT-4 489 322 **11**-*524,928* Not available NTIS

**PAT-APPL-6-461 788**
Elastomer Toughened Polyimide Adhesives.
PATENT-4 497 935 **15**-*533,972* Not available NTIS

**PAT-APPL-6-461 954**
Helical Coil for Diathermy Apparatus.
PATENT-4 527 550 **24**-*555,132* Not available NTIS

**PAT-APPL-6-462 493**
Reversible Optical Waveguide Vapor Sensor.
PATENT-4 513 087 **24**-*556,155* Not available NTIS

**PAT-APPL-6-462 497**
Method and Apparatus for Mapping the Distribution of Chemical Elements in an Extended Medium.
PATENT-4 483 817 **15**-*534,381* Not available NTIS

**PAT-APPL-6-463 103**
Test Device for Expendable Bathythermograph Set (XBT).
PATENT-4 518 915 **24**-*555,450* Not available NTIS

**PAT-APPL-6-463 456**
Variable Force, Eddy-Current or Magnetic Damper.
PATENT-4 517 505 **24**-*556,078* Not available NTIS

**PAT-APPL-6-465 213**
High Pressure Turbine Rotor Two-Piece Blade Retainer.
PATENT-4 480 958 **10**-*522,362* Not available NTIS

**PAT-APPL-6-465 227**
Optical Correlator.
PAT-APPL-6-465 227 **20**-*546,520* PC **A02**/MF **A01**

**PAT-APPL-6-465 230**
Windblast Leg Protector Assembly.
PATENT-4 465 250 **03**-*505,759* Not available NTIS

**PAT-APPL-6-465 364**
Screen Printed Interdigitated Back Contact Solar Cell.
PATENT-4 478 879 **13**-*523,402* Not available NTIS

**PAT-APPL-6-465 366**
Insulation Bonding Test System.
PATENT-4 479 386 **13**-*529,831* Not available NTIS

**PAT-APPL-6-467 068**
Method and Apparatus for Measuring Press Roll Clearance.
PATENT-4 471 531 **03**-*506,814* Not available NTIS

**PAT-APPL-6-467 337**
Serial Impact Printer for Multicolor Printing.
PATENT-4 426 168 **14**-*532,302* Not available NTIS

**PAT-APPL-6-467 430**
Combined Microwave Parallel Amplifier-RF Attenuator/Modulator.
PATENT-4 477 781 **10**-*522,009* Not available NTIS

**PAT-APPL-6-468 629**
Switch Debounce Circuit.
PATENT-4 523 104 **26**-*560,732* Not available NTIS

**PAT-APPL-6-468 776**
Drill Guide for Bone Plate Fixation.
PATENT-4 502 475 **18**-*540,160* Not available NTIS

**PAT-APPL-6-468 781**
Method for the Preparation of Epitaxial Films of Mercury Cadmium Telluride.
PATENT-4 487 640 **10**-*522,930* Not available NTIS

**PAT-APPL-6-469 176**
Power Circuit Utilizing Self-Excited Hall Effect Switch Means.
PATENT-4 485 314 **10**-*522,011* Not available NTIS

**PAT-APPL-6-469 369**
Detonation Transfer Evaluation Technique.
PATENT-4 476 710 **04**-*510,156* Not available NTIS

**PAT-APPL-6-469 370**
Method for the Fabrication of Dielectric Isolated Junction Field Effect Transistor and PNP Transistor.
PATENT-4 481 707 **10**-*521,921* Not available NTIS

**PAT-APPL-6-471 083**
Dual Species Ion Implantation of Ternary Compounds Based on In-Ga-As.
PATENT-4 494 995 **14**-*532,730* Not available NTIS

**PAT-APPL-6-471 417**
Rubber Modified Epoxy Adhesive.
PATENT-4 476 285 **10**-*522,069* Not available NTIS

**PAT-APPL-6-471 550**
Method for Tuning a Phased Array Antenna.
PATENT-4 517 570 **23**-*552,883* Not available NTIS

**PAT-APPL-6-473 294**
Extensible Brattice Support System for Mine Face Ventilation.
PATENT-4 494 894 **10**-*521,881* Not available NTIS

**PAT-APPL-6-473 298**
Short Range Trapped Miner Locator.
PATENT-4 491 971 **09**-*519,031* Not available NTIS

**PAT-APPL-6-473 384**
Low Voltage Two Wire to Four Wire Telephone Circuit Converter Apparatus.
PAT-APPL-6-473 384 **08**-*517,374* PC **A02**/MF **A01**

**PAT-APPL-6-473 498**
Ring-Cusp Ion Thruster with Shell Anode.
PATENT-4 466 242 **15**-*535,147* Not available NTIS

**PAT-APPL-6-474 383**
Nuclear Medicine Imaging System.
PAT-APPL-6-474 383 **21**-*547,670* PC **E02**/MF **A01**

**PAT-APPL-6-474 996**
Diolefin Pheromone Mimics as Disruptants of Sexual Communication in Insects.
PATENT-4 527 000 **23**-*552,468* Not available NTIS

**PAT-APPL-6-475 215**
Multi-Layer Coil Assembly Coaxially Mounted Around the Rotary Axis for Preparatory Countercurrent Chromatography.
PATENT-4 532 039 **24**-*556,160* Not available NTIS

**PAT-APPL-6-475 664**
Pneumatic Clamping Device.
PATENT-4 488 713 **10**-*522,363* Not available NTIS

**PAT-APPL-6-475 665**
Lateral Support System for Canister-Launched Missile.
PATENT-4 464 972 **03**-*506,869* Not available NTIS

**PAT-APPL-6-475 784**
Method for Reducing Sodium Content and Simultaneously Increasing Potassium Content of a Food.
PATENT-4 503 082 **18**-*540,136* Not available NTIS

**PAT-APPL-6-477 793**
Titanium Metal-Matrix Composites.
PATENT-4 499 156 **15**-*534,008* Not available NTIS

**PAT-APPL-6-478 130**
Optical System.
PATENT-4 497 540 **16**-*536,779* Not available NTIS

**PAT-APPL-6-478 589**
Pentafluorotelluriumoxide Fluorocarbons.
PATENT-4 508 662 **23**-*552,465* Not available NTIS

**PAT-APPL-6-478 592**
Elevator/Hatch Controller Platform Leveling Logic with Safety Features.
PATENT-4 487 293 **14**-*532,209* Not available NTIS

**PAT-APPL-6-480 156**
Interface Alignment System.
PATENT-4 530 602 **26**-*561,725* Not available NTIS

**PAT-APPL-6-481 086**
Coupling an Induction Motor Type Generator to AC Power Lines.
PATENT-4 473 792 **02**-*504,012* Not available NTIS

**PAT-APPL-6-481 106**
Model Mount System for Testing Flutter.
PATENT-4 475 385 **03**-*506,816* Not available NTIS

**PAT-APPL-6-482 375**
Carbon/Carbon Rocket Motor Exit Cone Reinforcement.
PATENT-4 477 024 **03**-*507,861* Not available NTIS

**PAT-APPL-6-482 377**
Two-Dimensional Bulk Acoustic Wave Correlator-Convolver.
PATENT-4 523 293 **26**-*560,734* Not available NTIS

**PAT-APPL-6-482 754**
Rain Rate Meter.
PATENT-4 476 718 **03**-*505,419* Not available NTIS

**PAT-APPL-6-484 327**
Jinc-Trap Resonator.
PATENT-4 498 184 **15**-*534,777* Not available NTIS

**PAT-APPL-6-484 329**
Flameholder with Integrated Air Mixer.
PATENT-4 490 973 **11**-*525,801* Not available NTIS

**PAT-APPL-6-484 346**
Recovery of Fragile Layers Produced on Substrates by Chemical Vapor Deposition.
PATENT-4 512 825 **24**-*556,611* Not available NTIS

**PAT-APPL-6-484 390**
Strutless Diffuser for Gas Turbine Engine.
PATENT-4 503 668 **16**-*536,986* Not available NTIS

**PAT-APPL-6-484 745**
Miniature Electrooptical Air Flow Sensor.
PATENT-4 485 671 **13**-*529,833* Not available NTIS

**PAT-APPL-6-484 810**
Picosecond Broadband CARS (Coherent Antistokes Raman Spectroscopy) Probe Using the Picosecond Continuum.
PATENT-4 512 660 **24**-*555,340* Not available NTIS

**PAT-APPL-6-486 470**
Solar Energy Converter Using Surface Plasma Waves.
PATENT-4 482 778 **15**-*533,951* Not available NTIS

**PAT-APPL-6-486 471**
Inelastic Tunnel Diodes.
PATENT-4 482 779 **15**-*533,784* Not available NTIS

**PAT-APPL-6-486 477**
Optical Disc Transport System.
PATENT-4 519 055 **23**-*553,716* Not available NTIS

**PAT-APPL-6-486 598**
Flexible Line Support Assembly.
PATENT-4 465 253 **04**-*509,739* Not available NTIS

**PAT-APPL-6-486 603**
Attachment Method-Ceramic Radome to Metal Body.
PATENT-4 520 364 **23**-*553,554* Not available NTIS

**PAT-APPL-6-487 340**
Clock Distribution Circuit for Active Aperture Antenna Array.
PATENT-4 521 893 **26**-*561,328* Not available NTIS

**PAT-APPL-6-488 249**
Amine Salts as Bonding Agents.
PATENT-4 493 741 **11**-*525,819* Not available NTIS

**PAT-APPL-6-488 479**
Remote Sequential Gas Sampler for Blasting Areas.
PATENT-4 468 973 **01**-*501,989* Not available NTIS

**PAT-APPL-6-488 482**
Self-Actuating Vacuum Gas/Liquid Separator.
PATENT-4 500 329 **13**-*529,089* Not available NTIS

**PAT-APPL-6-489 675**
Aircraft Rotor Blade with Passive Tuned Tab.
PATENT-4 514 143 **24**-*554,584* Not available NTIS

**PAT-APPL-6-490 695**
Optical Non-Line-of-Sight Covert, Secure High Data Communication System.
PATENT-4 493 114 **14**-*532,389* Not available NTIS

**PAT-APPL-6-490 827**
Air Bag Restraint System.
PATENT-4 508 294 **17**-*537,016* Not available NTIS

**PAT-APPL-6-490 994**
Method for Predicting the Performance of Cathode Materials.
PATENT-4 492 866 **17**-*537,903* Not available NTIS

**PAT-APPL-6-491 111**
Propellant Plasticizer.
PATENT-4 482 406 **11**-*525,813* Not available NTIS

**PAT-APPL-6-491 941**
Transistor Oscillator/Doubler.
PAT-APPL-6-491 941 **05**-*511,549* PC **A03**/MF **A01**

**PAT-APPL-6-492 282**
Process for Preparing Solvent Resistant, Thermoplastic Aromatic Poly(Imidesulfone).
PATENT-4 489 027 **13**-*529,520* Not available NTIS

**PAT-APPL-6-492 925**
Separation of Certain Carboxylic Acids Utilizing Cation Exchange Membranes.
PAT-APPL-6-492 925 **02**-*503,595* PC **A02**/MF **A01**

**PAT-APPL-6-492 964**
Process for Producing Tris (N-Methylamino) Methylsilane.
PATENT-4 474 975 **15**-*533,584* Not available NTIS

**PAT-APPL-6-493 387**
Printed Circuit Balun with a Dipole Antenna.
PATENT-4 495 505 **10**-*522,014* Not available NTIS

**PAT-APPL-6-495 380**
Daze Fasteners.
PATENT-4 512 699 **22**-*550,725* Not available NTIS

**PAT-APPL-6-497 445**
Plasticizer System for Propellant Compositions.
PATENT-4 482 407 **11**-*525,814* Not available NTIS

**PAT-APPL-6-497 455**
Preparation of Stroma-Free, Non-Heme Protein-Free Hemoglobin.
PATENT-4 473 494 **06**-*513,027* Not available NTIS

**PAT-APPL-6-497 456**
Plasticizer System for Propellant Compositions.
PATENT-4 482 408 **11**-*525,815* Not available NTIS

**PAT-APPL-6-497 457**
Plasticizer System for Propellant Compositions.
PATENT-4 482 409 **11**-*525,816* Not available NTIS

**PAT-APPL-6-497 458**
Plasticizer System for Propellant Compositions.
PATENT-4 482 410 **11**-*525,817* Not available NTIS

**PAT-APPL-6-497 459**
Plasticizer System for Propellant Compositions.
PATENT-4 482 411 **11**-*525,818* Not available NTIS

**PAT-APPL-6-497 657**
Animal Nutrition.
PATENT-4 515 780 **23**-*552,281* Not available NTIS

**PAT-APPL-6-498 238**
Laser Clock.
PATENT-4 482 259 **11**-*524,816* Not available NTIS

**PAT-APPL-6-498 335**
Integrated Insulation Wall Assembly.
PATENT-4 495 764 **11**-*525,808* Not available NTIS

**PAT-APPL-6-498 336**
Cut Angles for Quartz Crystal Resonators.
PATENT-4 499 395 **15**-*533,786* Not available NTIS

**PAT-APPL-6-500 044**
Carbon Granule Probe Microphone for Leak Detection.
PATENT-4 498 333 **15**-*534,387* Not available NTIS

**PAT-APPL-6-500 725**
Device for Cryogenically Fabricating Source Material for Plasma X-ray Lasers.
PATENT-4 508 055 **24**-*556,662* Not available NTIS

**PAT-APPL-6-502 030**
Thermo-Electric Valve.
PATENT-4 498 491 **17**-*538,651* Not available NTIS

**PAT-APPL-6-502 771**
Method and Apparatus for Detecting Acoustic Emissions from Metal Matrix Wire.
PATENT-4 487 068 **10**-*522,503* Not available NTIS

**PAT-APPL-6-502 820**
Phosphorus-Containing Imide Resins.
PATENT-4 496 701 **15**-*533,474* Not available NTIS

**PAT-APPL-6-503 913**
Optical Sensing Devices.
PATENT-4 522 495 **24**-*556,224* Not available NTIS

**PAT-APPL-6-504 183**
EMI (Electromagnetic Interference) Filter Capacitor Unit.
PATENT-4 464 702 **04**-*509,187* Not available NTIS

**PAT-APPL-6-504 345**
Power Control for AC Motor.
PATENT-4 489 264 **16**-*535,973* Not available NTIS

**PAT-APPL-6-504 353**
CO2 Laser Stabilization and Switching.
PATENT-4 513 422 **23**-*554,221* Not available NTIS

**PAT-APPL-6-505 569**
Amplitude and Phase Modulation in Fin-Lines Electrical Tuning.
PATENT-4 506 234 **24**-*555,478* Not available NTIS

**PAT-APPL-6-505 589**
Deep Ocean Wide Band Acoustic Baffle.
PATENT-4 488 271 **14**-*532,372* Not available NTIS

**PAT-APPL-6-506 477**
High Voltage Isolation Transformer.
PATENT-4 510 476 **22**-*550,189* Not available NTIS

**PAT-APPL-6-507 623**
Induction Heating Gun.
PATENT-4 521 659 **22**-*550,569* Not available NTIS

**PAT-APPL-6-507 624**
Low Defect, High Purity Crystalline Layers Grown by Selective Deposition.
PATENT-4 522 661 **24**-*556,612* Not available NTIS

**PAT-APPL-6-507 626**
High Thermal Power Density Heat Transfer Apparatus Providing Electrical Isolation at High Temperature Using Heat Pipes.
PATENT-4 506 183 **22**-*550,565* Not available NTIS

**PAT-APPL-6-508 371**
Extended Moment Arm Anti-Spin Device.
PATENT-4 496 122 **15**-*532,922* Not available NTIS

**PAT-APPL-6-508 774**
Preparation of Simple Nitronium Salts.
PATENT-4 456 583 **03**-*505,818* Not available NTIS

**PAT-APPL-6-509 091**
Shielded Sniffing Device.
PATENT-4 478 096 **05**-*512,071* Not available NTIS

**PAT-APPL-6-510 136**
Curved Cap Corrugated Sheet.
PATENT-4 472 473 **02**-*502,799* Not available NTIS

**PAT-APPL-6-510 137**
Variable Length Strut with Longitudinal Compliance and Locking Capability.
PATENT-4 536 114 **26**-*561,249* Not available NTIS

**PAT-APPL-6-511 362**
High Voltage Power Supply.
PATENT-4 517 472 **22**-*550,356* Not available NTIS

**PAT-APPL-6-511 697**
Radio Frequency Lens Antenna.
PATENT-4 523 198 **26**-*560,733* Not available NTIS

**PAT-APPL-6-514 192**
Reducing Pollutant Emissions by Fines Removal.
PATENT-4 485 747 **07**-*515,090* Not available NTIS

**PAT-APPL-6-514 891**
Radiation Hardened Ion-Implanted GaAs Field Effect Transistor and Method for Making the Same Specification.
PAT-APPL-6-514 891 **01**-*501,272* PC **A02**/MF **A01**

**PAT-APPL-6-516 087**
Hot Melt Adhesive Attachment Pad.
PATENT-4 488 335 **13**-*529,422* Not available NTIS

**PAT-APPL-6-518 590**
Method of Producing a Buried Long Period Grating.
PATENT-4 476 161 **03**-*507,354* Not available NTIS

**PAT-APPL-6-518 779**
Abrasion-Resistant Durable-Press Acrylic Finishes for Cotton Textiles by Use of Nonoxidative Polymerization Initiators and Accelerators in Two-Stage Heat Curing.
PATENT-4 483 689 **05**-*511,678* Not available NTIS

**PAT-APPL-6-519 421**
Aircraft Barricade.
PAT-APPL-6-519 421 **02**-*502,804* PC **A02**/MF **A01**

**PAT-APPL-6-520 356**
Method and Apparatus for Generating a Structured Light Beam Array.
PAT-APPL-6-520 356 **12**-*527,958* PC **A02**/MF **A01**
Method and Apparatus for Generating a Structured Light Beam Array.
PATENT-4 523 809 **26**-*561,724* Not available NTIS

**PAT-APPL-6-522 662**
Leading Edge Flap System for Aircraft Control Augmentation.
PATENT-4 485 992 **13**-*528,325* Not available NTIS

**PAT-APPL-6-523 297**
Thermal Barrier Coating System.
PATENT-4 485 151 **15**-*533,990* Not available NTIS

**PAT-APPL-6-523 559**
Light Transmitting Window Assembly.
PATENT-4 521 077 **22**-*551,336* Not available NTIS

**PAT-APPL-6-525 755**
High Power Laser Dump.
PATENT-4 511 216 **23**-*554,220* Not available NTIS

**PAT-APPL-6-526 750**
High Temperature Acoustic Levitator.
PATENT-4 463 606 **15**-*534,261* Not available NTIS

**PAT-APPL-6-526 752**
Mild-Cure Formaldehyde-Free Durable-Press Finishing of Cotton Textiles with Glyoxal and Glycols.
PATENT-4 472 167 **02**-*504,060* Not available NTIS

**PAT-APPL-6-526 770**
Thin Film Strain Transducer.
PATENT-4 498 231 **15**-*534,386* Not available NTIS

**PAT-APPL-6-527 918**
Continuous Laminar Smoke Generator.
PATENT-4 493 211 **15**-*534,384* Not available NTIS

**PAT-APPL-6-528 708**
Apparatus for Generating a Focusable and Scannable Ultrasonic Beam for Non-Destructive Examination.
PAT-APPL-6-528 708 **17**-*538,720* PC **A02**/MF **A01**

**PAT-APPL-6-528 710**
Computer-Aided Process for Generating Camera-Ready Graphical Artwork.
PAT-APPL-6-528 710 **26**-*560,697* PC **A03**/MF **A01**

**PAT-APPL-6-529 412**
Protection Circuitry for High Voltage Drivers.
PATENT-4 517 618 **23**-*552,884* Not available NTIS

**PAT-APPL-6-531 097**
Deployment Sequence Mode Selection System for Aircraft Ejection Seat.
PAT-APPL-6-531 097 **08**-*515,756* PC **A02**/MF **A01**

**PAT-APPL-6-531 387**
Low Temperature Deposition of Nickel Films.
PATENT-4 478 890 **10**-*522,388* Not available NTIS

**PAT-APPL-6-532 122**
Heterojunction Schottky Gate Mesfet with Lower Channel Ridge Barrier.
PATENT-4 499 481 **17**-*537,906* Not available NTIS

**PAT-APPL-6-532 431**
Ovipositional Stimulant for Trichogramma Spp.
PATENT-4 484 539 **07**-*514,602* Not available NTIS

**PAT-APPL-6-532 938**
Method for the Deposition of High-Quality Crystal Epitaxial Films of Iron.
PATENT-4 508 590 **24**-*556,610* Not available NTIS

**PAT-APPL-6-533 276**
Halogen Mass Flow Rate Detection System.
PATENT-4 467 474 **04**-*510,217* Not available NTIS

**PAT-APPL-6-533 330**
Simultaneous Incremental Strain/Incremental Temperature Analog Device for, and Method, of Testing for Stress Response.
PATENT-4 523 475 **26**-*562,057* Not available NTIS

**PAT-APPL-6-534 015**
Production of Defatted Soybean Products by Supercritical Fluid Extraction.
PATENT-4 493 854 **10**-*521,571* Not available NTIS

**PAT-APPL-6-534 030**
Method for Introducing Fluorine into an Aromatic Ring.
PATENT-4 476 337 **04**-*508,723* Not available NTIS

**PAT-APPL-6-534 996**
Heat Management System for Aircraft.
PATENT-4 505 124 **16**-*535,314* Not available NTIS

**PAT-APPL-6-535 463**
Method and System for Producing Lower Alcohols.

PAT-APPL-6-535 463 **01**-*502,712* PC **A02**/MF **A01**

**PAT-APPL-6-536 588**
Optical Injection Locking of Solid-State Oscillators by Frequency-Multiplexed Injection-Locked, Laser Diodes.
PATENT-4 503 403 **17**-*537,907* Not available NTIS

**PAT-APPL-6-537 615**
Multistage Spent Particle Collector and a Method for Making Same.
PATENT-4 527 092 **26**-*561,208* Not available NTIS

**PAT-APPL-6-537 616**
Corrosion Resistant Coating.
PATENT-4 522 844 **22**-*550,475* Not available NTIS

**PAT-APPL-6-538 006**
Physico-Chemical Fracturing and Cleaning of Coal.
PAT-APPL-6-538 006 **01**-*502,713* PC **A02**/MF **A01**

**PAT-APPL-6-539 025**
Control of Mycotoxin Production by Chemically Inhibiting Fungal Growth.
PATENT-4 474 816 **03**-*505,350* Not available NTIS

**PAT-APPL-6-539 230**
Mechanical Fastener.
PATENT-4 520 601 **24**-*556,036* Not available NTIS

**PAT-APPL-6-539 603**
Process for the Epitaxial Deposition of III-V Compounds Utilizing a Binary Alloy as the Metallic Source.
PATENT-4 504 329 **16**-*536,730* Not available NTIS

**PAT-APPL-6-541 526**
Method of Examining Microcircuit Patterns.
PAT-APPL-6-541 526 **13**-*529,253* PC **A02**/MF **A01**

**PAT-APPL-6-541 594**
Test Target for Adaptive Optics.
PAT-APPL-6-541 594 **22**-*551,333* PC **A02**/MF **A01**

**PAT-APPL-6-541 820**
CCD (Charge-Coupled Device) Gaussian Convolution Method.
PAT-APPL-6-541 820 **22**-*550,292* PC **A02**/MF **A01**

**PAT-APPL-6-542 557**
Stable Density Stratification Solar Pond.
PAT-APPL-6-542 557 **01**-*501,494* PC **A02**/MF **A01**

**PAT-APPL-6-542 635**
Communications Network Status Information System.
PATENT-4 532 625 **25**-*558,883* Not available NTIS

**PAT-APPL-6-543 730**
Process and Compositions for Preserving Fresh Hides and Skins.
PATENT-4 478 728 **05**-*511,724* Not available NTIS

**PAT-APPL-6-545 307**
Wavelength Selective Demultiplexer Tuner.
PAT-APPL-6-545 307 **26**-*560,729* PC **A02**/MF **A01**

**PAT-APPL-6-546 076**
Intramolecularly Crosslinked Hemoglobin.
PATENT-4 473 496 **03**-*505,621* Not available NTIS

**PAT-APPL-6-546 220**
Monoclonal Antibodies to Porcine Immunoglobulins.
PATENT-4 468 346 **01**-*500,666* Not available NTIS

**PAT-APPL-6-547 176**
Precision Manipulator Heating and Cooling Apparatus for Use in UHV (Ultrahigh Vacuum) Systems with Sample Transfer Capability.
PATENT-4 516 435 **22**-*550,784* Not available NTIS

**PAT-APPL-6-547 610**
Anaglyphic Stereoscopic Image Apparatus and Method.
PAT-APPL-6-547 610 **20**-*545,240* PC **A03**/MF **A01**

**PAT-APPL-6-548 047**
Multi-Directional Straddle-Lift Carrier.
PAT-APPL-6-548 047 **02**-*504,413* PC **A02**/MF **A01**

**PAT-APPL-6-548 468**
Loop Radiating Elements.
PAT-APPL-6-548 468 **05**-*511,550* PC **A02**/MF **A01**

**PAT-APPL-6-548 583**
Process for Improving Moisture Resistance of Epoxy Resins by Addition of Chromium Ions.
PATENT-4 510 277 **26**-*560,913* Not available NTIS

**PAT-APPL-6-548 584**
Process for Improving Mechanical Properties of Epoxy Resins by Addition of Cobalt Ions.
PATENT-4 473 674 **03**-*506,467* Not available NTIS

**PAT-APPL-6-548 849**
Saponin-Based Polyether Polyols.
PAT-APPL-6-548 849 **07**-*514,643* PC **A02**/MF **A01**

**PAT-APPL-6-549 019**
Gyro Sensor Block Suspension.
PAT-APPL-6-549 019 **05**-*512,184* PC **A02**/MF **A01**

**PAT-APPL-6-550 435**
Microwave Drying of Ammonium Perchlorate Grinding Spheres.
PATENT-4 513 513 **26**-*561,185* Not available NTIS

**PAT-APPL-6-552 552**
Pseudo-P-1,2,2,9,9,10,10-Octo-Fluoro(2,2)-P-Cyclophane Bis-Acid Chloride.
PATENT-4 476 062 **04**-*508,722* Not available NTIS

**PAT-APPL-6-552 555**
Transmissive Dewar Cooling Chamber for Optically Pumped Semiconductor Ring Lasers.
PATENT-4 495 782 **10**-*522,970* Not available NTIS

**PAT-APPL-6-554 795**
Multi-Layer Coil Countercurrent Chromatograph with Adjustable Revolutional Radius.
PATENT-4 487 693 **07**-*515,234* Not available NTIS

**PAT-APPL-6-556 480**
Temperature-Controllable Heat Valve.
PATENT-4 494 595 **11**-*524,604* Not available NTIS

**PAT-APPL-6-556 513**
Maser Cavity Servo-Tuning System.
PATENT-4 517 530 **22**-*551,320* Not available NTIS

**PAT-APPL-6-558 675**
Azido Nitramino Ether Containing Solid Propellants.
PATENT-4 482 404 **11**-*525,812* Not available NTIS

**PAT-APPL-6-559 169**
Solar Rocket Absorber.
PATENT-4 528 978 **26**-*562,056* Not available NTIS

**PAT-APPL-6-559 501**
Separation of Uranium from Technetium in Recovery of Spent Nuclear Fuel.
PAT-APPL-6-559 501 **21**-*548,980* PC **A02**/MF **A01**

**PAT-APPL-6-559 611**
Multiplexed Data Stream Monitor.
PATENT-4 528 660 **26**-*560,703* Not available NTIS

**PAT-APPL-6-559 988**
Gravity Enhanced Acoustic Levitation Method and Apparatus.
PATENT-4 520 656 **22**-*551,242* Not available NTIS

**PAT-APPL-6-560 035**
Arc Spray Fabrication of Metal Matrix Composite Monotape.
PATENT-4 518 625 **24**-*555,728* Not available NTIS

**PAT-APPL-6-561 429**
Chemical Approach for Controlling Nadimide Cure Temperature and Rate with Maleimide.
PATENT-4 497 939 **15**-*533,475* Not available NTIS

**PAT-APPL-6-561 431**
Chemical Approach for Controlling Nadimide Cure Temperature and Rate with Maleimide.
PATENT-4 497 948 **15**-*533,477* Not available NTIS

**PAT-APPL-6-561 434**
Chemical Approach for Controlling Nadimide Cure Temperature and Rate.
PATENT-4 495 339 **24**-*555,339* Not available NTIS

**PAT-APPL-6-561 435**
Chemical Approach for Controlling Nadimide Cure Temperature and Rate.
PATENT-4 497 940 **15**-*533,476* Not available NTIS

**PAT-APPL-6-563 435**
Fluorinated Polyesters.
PATENT-4 482 702 **14**-*531,903* Not available NTIS

**PAT-APPL-6-563 890**
Instrumentation for Sensing Moisture Content of Material Using a Transient Thermal Pulse.
PATENT-4 532 797 **26**-*561,293* Not available NTIS

**PAT-APPL-6-564 547**
Heat Resistant Sheathed Insulated Electrical Conductors.
PATENT-4 499 334 **15**-*533,785* Not available NTIS

**PAT-APPL-6-564 864**
Test Signal Generator for Coherent Air-to-Ground Radars.
PAT-APPL-6-564 864 **01**-*502,123* PC **A02**/MF **A01**

**PAT-APPL-6-566 352**
Variable Radius Lead Former.
PATENT-4 515 001 **23**-*553,569* Not available NTIS

**PAT-APPL-6-566 444**
Apparatus for Etching Vertical Junction Solar Cell Wafers.
PATENT-4 501 636 **15**-*533,876* Not available NTIS

**PAT-APPL-6-567 451**
Process and Bath for Electroplating Nickel-Chromium Alloys.
PATENT-4 461 680 **02**-*504,395* Not available NTIS

**PAT-APPL-6-567 992**
Preparation of Polymers of Functionalized Acetylenes.
PAT-APPL-6-567 992 **01**-*500,954* PC **A02**/MF **A01**

**PAT-APPL-6-568 762**
Catalytic Production of Metal Carbonyls from Metal Oxides.
PAT-APPL-6-568 762 **21**-*547,772* PC **A02**/MF **A01**

**PAT-APPL-6-568 768**
Apparatus for Eliminating Background Interference in Fluorescence Measurements.
PAT-APPL-6-568 768 **21**-*547,499* PC **A02**/MF **A01**

**PAT-APPL-6-568 769**
Removal of Fluoride Impurities from UF sub 6 Gas.
PAT-APPL-6-568 769 **21**-*548,845* PC **A02**/MF **A01**

**PAT-APPL-6-568 770**
Non-Carbon Induction Furnace.
PAT-APPL-6-568 770 **21**-*548,289* PC **A02**/MF **A01**

**PAT-APPL-6-569 085**
Cable Tensioned Membrane Solar Collector Module with Variable Tension Control.
PAT-APPL-6-569 085 **21**-*548,049* PC **A03**/MF **A01**

**PAT-APPL-6-569 086**
Convective Heat Flow Probe.
PAT-APPL-6-569 086 **21**-*548,050* PC **A02**/MF **A01**

**PAT-APPL-6-569 087**
Wireless Remote Liquid Level Detector and Indicator for Well Testing.
PAT-APPL-6-569 087 **21**-*547,864* PC **A02**/MF **A01**

**PAT-APPL-6-569 088**
Excimer Laser Phototherapy for the Dissolution of Vascular Obstruction.
PAT-APPL-6-569 088 **21**-*547,531* PC **A02**/MF **A01**

**PAT-APPL-6-569 372**
Liquid Crystal Light Valve Structures.
PATENT-4 522 469 **26**-*561,722* Not available NTIS

**PAT-APPL-6-569 536**
Structural Pressure Sensitive Silicone Adhesives.
PAT-APPL-6-569 536 **01**-*501,498* PC **A02**/MF **A01**

**PAT-APPL-6-569 644**
Tropospheric Scatter Communication System Having Angle Diversity.
PAT-APPL-6-569 644 **08**-*517,375* PC **A02**/MF **A01**

**PAT-APPL-6-569 698**
Lithium Purification Technique.
PAT-APPL-6-569 698 **21**-*548,163* PC **A02**/MF **A01**

**PAT-APPL-6-569 700**
High Resolution In situ Ultrasonic Corrosion Monitor.
PAT-APPL-6-569 700 **21**-*548,693* PC **A02**/MF **A01**

**PAT-APPL-6-569 701**
Resonant-Cavity Antenna for Plasma Heating.
PAT-APPL-6-569 701 **21**-*548,833* PC **A04**/MF **A01**

**PAT-APPL-6-571 288**
Synchronous Phase Marker and Amplitude Detector.
PATENT-4 520 320 **17**-*537,972* Not available NTIS

**PAT-APPL-6-571 297**
Automatic Image Acquisition Processor and Method.
PAT-APPL-6-571 297 **21**-*547,968* PC **A03**/MF **A01**

**PAT-APPL-6-571 414**
Demountable Coaxial Electrical Connector for In-Line Amplifiers.
PATENT-4 525 013 **24**-*555,480* Not available NTIS

**PAT-APPL-6-571 911**
Deoxyribonucleic Acid Molecules Useful as Probes for Detecting Deleterious Genes Incorporated into Chromosomal DNA.
PAT-APPL-6-571 911 **05**-*510,969* PC **A03**/MF **A01**

**PAT-APPL-6-572 338**
Electronic Logic for Enhanced Switch Reliability.
PAT-APPL-6-572 338 **21**-*548,013* PC **A02**/MF **A01**

**PAT-APPL-6-572 345**
Lithium Aluminum/Iron Sulfide Battery Having Lithium Aluminum and Silicon as Negative Electrode.
PAT-APPL-6-572 345 **21**-*548,097* PC **A02**/MF **A01**

**PAT-APPL-6-572 346**
Method for Isolating Two Aquifers in a Single Borehole.
PAT-APPL-6-572 346 **21**-*548,051* PC **A02**/MF **A01**

**PAT-APPL-6-573 251**
Three-Point Spherical Mirror Mount.
PAT-APPL-6-573 251 **21**-*549,036* PC **A02**/MF **A01**

**PAT-APPL-6-573 252**
Decontaminating Metal Surfaces.
PAT-APPL-6-573 252 **21**-*548,917* PC **A02**/MF **A01**

**PAT-APPL-6-573 904**
Dual Electrochemical System.
PATENT-4 495 256 **14**-*531,804* Not available NTIS

**PAT-APPL-6-574 173**
Pseudomonas Exotoxin Conjugate Immunotoxins.
PAT-APPL-6-574 173 **05**-*511,156* PC **A02**/MF **A01**

**PAT-APPL-6-574 433**
Method for Refining Microstructures of Cast Titanium Articles.
PATENT-4 482 398 **10**-*522,136* Not available NTIS

**PAT-APPL-6-574 486**
New Method for the Selective Labeling of Erythrocytes in Whole Blood with Tc-99M.
PAT-APPL-6-574 486 **21**-*547,532* PC **A02**/MF **A01**

**PAT-APPL-6-574 499**
Formation of Tungsten Monocarbide from a Molten Tungstate-Halide Phase by Gas Sparging.
PATENT-4 489 044 **08**-*516,846* Not available NTIS

**PAT-APPL-6-574 503**
Magnetically Operated Beam Dump for Dumping High Power Beams in a Neutral Beamline.
PAT-APPL-6-574 503 **21**-*548,834* PC **A02**/MF **A01**

**PAT-APPL-6-574 504**
Improved Brazing Technique.

PAT-APPL-6-574 504 **21**-*548,625* PC **A02**/MF **A01**

**PAT-APPL-6-574 508**
Method and Apparatus for Measuring the Gas Permeability of a Solid Sample.
PAT-APPL-6-574 508 **21**-*548,694* PC **A02**/MF **A01**

**PAT-APPL-6-574 509**
Automatic Coolant Flow Control Device for a Nuclear Reactor Assembly.
PAT-APPL-6-574 509 **21**-*548,965* PC **A02**/MF **A01**

**PAT-APPL-6-574 510**
Fault Finder.
PAT-APPL-6-574 510 **21**-*548,079* PC **A03**/MF **A01**

**PAT-APPL-6-574 782**
Cyclone Separator Having Boundary Layer Turbulence Control.
PAT-APPL-6-574 782 **21**-*548,561* PC **A02**/MF **A01**

**PAT-APPL-6-575 425**
New Free Electron Laser Using a Relativistic Beam with Spiralling Electron.
PAT-APPL-6-575 425 **02**-*504,887* PC **A02**/MF **A01**

**PAT-APPL-6-575 599**
Alarm Sensor Apparatus for Closures.
PAT-APPL-6-575 599 **21**-*548,665* PC **A02**/MF **A01**

**PAT-APPL-6-575 732**
Optical Analog Data Link with Simple Self-Test Feature.
PAT-APPL-6-575 732 **21**-*548,791* PC **A02**/MF **A01**

**PAT-APPL-6-576 229**
Dynamic Pressure Test Unit-Ratio Method.
PAT-APPL-6-576 229 **08**-*517,287* PC **A02**/MF **A01**

**PAT-APPL-6-576 500**
Bidirectional Amplifier.
PAT-APPL-6-576 500 **21**-*547,900* PC **A02**/MF **A01**

**PAT-APPL-6-577 391**
Small Cartridge Heater.
PATENT-4 510 377 **23**-*554,518* Not available NTIS

**PAT-APPL-6-577 437**
Improved Ship Deck Lifeline.
PAT-APPL-6-577 437 **22**-*550,793* PC **A02**/MF **A01**

**PAT-APPL-6-577 459**
Ductile Duplex Iron-Based Alloy Containing Aluminum.
PATENT-4 498 928 **11**-*524,496* Not available NTIS

**PAT-APPL-6-578 304**
Segmented Zoned Fuel Injection System for Use with a Combustor.
PATENT-4 499 735 **15**-*535,251* Not available NTIS

**PAT-APPL-6-578 335**
Circumferentially Wrapped Carbon-Carbon Structure.
PATENT-4 522 883 **26**-*561,320* Not available NTIS

**PAT-APPL-6-578 388**
Aircraft Liftmeter.
PAT-APPL-6-578 388 **01**-*500,054* PC **A02**/MF **A01**

**PAT-APPL-6-578 390**
Increased Voltage Photovoltaic Cell.
PATENT-4 524 237 **24**-*555,682* Not available NTIS

**PAT-APPL-6-578 406**
Monochromatic Radio Frequency Accelerating Cavity.
PAT-APPL-6-578 406 **21**-*547,901* PC **A02**/MF **A01**

**PAT-APPL-6-578 407**
Silicon Carbide Whisker Reinforced Composites and Method for Making Same.
PAT-APPL-6-578 407 **21**-*548,128* PC **A02**/MF **A01**

**PAT-APPL-6-578 897**
Aluminum-Stabilized Nb sub 3 Sn Superconductor.
PAT-APPL-6-578 897 **21**-*548,164* PC **A02**/MF **A01**

**PAT-APPL-6-579 747**
Production of Intense Negative Hydrogen Beams with Polarized Nuclei by Selective Neutralization of Cold Negative Ions.
PAT-APPL-6-579 747 **21**-*549,123* PC **A02**/MF **A01**

**PAT-APPL-6-580 419**
Vortex Generating Flow Passage Design for Increased Film Cooling Effectiveness.
PATENT-4 529 358 **26**-*561,701* Not available NTIS

**PAT-APPL-6-580 500**
Process for the Production of Ethylene and Other Hydrocarbons from Coal.
PAT-APPL-6-580 500 **21**-*547,733* PC **A02**/MF **A01**

**PAT-APPL-6-580 573**
Thermionic Photovoltaic Energy Converter.
PATENT-4 528 417 **26**-*560,861* Not available NTIS

**PAT-APPL-6-580 981**
Gap and Stripline Combined Monitor.
PAT-APPL-6-580 981 **21**-*548,695* PC **A02**/MF **A01**

**PAT-APPL-6-580 982**
Secondary Battery Containing Zinc Electrode with Modified Separator and Method.
PAT-APPL-6-580 982 **21**-*548,096* PC **A02**/MF **A01**

**PAT-APPL-6-580 983**
Low-Pressure Water-Cooled Inductively Coupled Plasma Torch.
PAT-APPL-6-580 983 **21**-*548,696* PC **A02**/MF **A01**

**PAT-APPL-6-581 168**
Matrix-Matrix Multiplication Using an Electrooptical Systolic/Engagement Array Processing Architecture.
PAT-APPL-6-581 168 **05**-*511,501* PC **A02**/MF **A01**

**PAT-APPL-6-581 933**
Liquid Level Detector.
PAT-APPL-6-581 933 **21**-*548,697* PC **A02**/MF **A01**

**PAT-APPL-6-581 934**
Frequency Shift Measurement in Shock-Compressed Materials.
PAT-APPL-6-581 934 **21**-*547,773* PC **A02**/MF **A01**

**PAT-APPL-6-581 935**
Low Temperature Catalysts and Process for Methanol Production.
PAT-APPL-6-581 935 **21**-*549,231* PC **A02**/MF **A01**

**PAT-APPL-6-582 238**
Variable Length and Sensor Spacing Thermistor Array.
PAT-APPL-6-582 238 **05**-*511,575* PC **A02**/MF **A01**

**PAT-APPL-6-582 412**
Method for Determining Mesoscale Dynamic Topography.
PAT-APPL-6-582 412 **05**-*511,360* PC **A02**/MF **A01**

**PAT-APPL-6-582 420**
Push-Pull Betatron Pair.
PAT-APPL-6-582 420 **21**-*549,107* PC **A03**/MF **A01**

**PAT-APPL-6-582 492**
Method for Thermal Monitoring Subcutaneous Tissue.
PATENT-4 513 750 **24**-*554,945* Not available NTIS

**PAT-APPL-6-582 507**
Remote Controlled Vacuum Joint Closure Mechanism.
PAT-APPL-6-582 507 **21**-*548,606* PC **A03**/MF **A01**

**PAT-APPL-6-582 509**
Production of Silver Metallization by the Decomposition of Silver Compounds.
PAT-APPL-6-582 509 **21**-*548,117* PC **A02**/MF **A01**

**PAT-APPL-6-582 510**
Non-Destructive Method for Determining Neutron Exposure and Constituent Concentrations of a Body.
PAT-APPL-6-582 510 **21**-*548,966* PC **A03**/MF **A01**

**PAT-APPL-6-582 514**
Compartmented, Filament Wound, One-Piece Aircraft Fuel Tanks.
PATENT-4 511 105 **23**-*551,928* Not available NTIS

**PAT-APPL-6-582 643**
Modulated Voltage Metastable Ionization Detector.
PATENT-4 538 066 **26**-*561,296* Not available NTIS

**PAT-APPL-6-582 759**
Biocompatible Cementitious Dental Compositions.
PATENT-4 486 179 **07**-*514,956* Not available NTIS

**PAT-APPL-6-582 862**
Method for Simultaneously Monitoring Turnover Rate in Multiple Proteins.
PATENT-4 508 820 **18**-*540,011* Not available NTIS

**PAT-APPL-6-583 451**
Thermal Well-Test Method.
PAT-APPL-6-583 451 **21**-*548,052* PC **A03**/MF **A01**

**PAT-APPL-6-583 531**
Improvements in Floating Point Addition/Subtraction Operations.
PAT-APPL-6-583 531 **21**-*547,969* PC **A03**/MF **A01**

**PAT-APPL-6-583 553**
Carrier Transport and Collection in Fully Depleted Semiconductors by a Combined Action of the Space Charge Field and the Field Due to Electrode Voltages.
PAT-APPL-6-583 553 **21**-*548,863* PC **A03**/MF **A01**

**PAT-APPL-6-584 285**
Production of High-Analysis Ammonium Orthophosphate Suspension Fertilizers by a New Batch-Type Process.
PATENT-4 511 388 **18**-*539,687* Not available NTIS

**PAT-APPL-6-584 834**
Physiochemically Controlled Scour Jet Array System.
PATENT-4 506 686 **17**-*538,472* Not available NTIS

**PAT-APPL-6-585 111**
New Antineoplastic Platinum (IV) Complexes.
PAT-APPL-6-585 111 **10**-*521,666* PC **A03**/MF **A01**

**PAT-APPL-6-585 333**
T-Cell Receptor-Specific for Antigen Polypeptides and Related Polynucleotides.
PAT-APPL-6-585 333 **03**-*505,637* PC **A03**/MF **A01**

**PAT-APPL-6-585 698**
Fuel Cell Electrode and Method of Preparation.
PAT-APPL-6-585 698 **21**-*548,080* PC **A02**/MF **A01**

**PAT-APPL-6-586 611**
Concentric Micro-Nebulizer for Direct Sample Insertion.
PAT-APPL-6-586 611 **21**-*548,698* PC **A02**/MF **A01**

**PAT-APPL-6-586 618**
Process to Produce Durable Press Low Formaldehyde Release Cellulosic Textiles.
PATENT-4 488 878 **08**-*516,857* Not available NTIS

**PAT-APPL-6-586 619**
Helical Axis Stellarator with Noninterlocking Planar Coils.
PAT-APPL-6-586 619 **21**-*548,835* PC **A02**/MF **A01**

**PAT-APPL-6-586 620**
Underwater Radiation Detector.
PAT-APPL-6-586 620 **21**-*548,864* PC **A02**/MF **A01**

**PAT-APPL-6-586 893**
Integrated Paratroop Door.
PATENT-4 482 113 **10**-*520,969* Not available NTIS

**PAT-APPL-6-586 953**
Multiconductor Flat Cable.
PATENT-4 501 929 **15**-*533,787* Not available NTIS

**PAT-APPL-6-587 422**
Solvent Treatment of Coal for Improved Liquefaction.
PAT-APPL-6-587 422 **21**-*549,232* PC **A02**/MF **A01**

**PAT-APPL-6-587 437**
Method to Improve Superconductor Cable.
PAT-APPL-6-587 437 **21**-*547,902* PC **A03**/MF **A01**

**PAT-APPL-6-587 438**
Multistrand Superconductor Cable.
PAT-APPL-6-587 438 **21**-*547,903* PC **A02**/MF **A01**

**PAT-APPL-6-588 039**
Foldable Self-Erecting Joint.
PAT-APPL-6-588 039 **01**-*501,841* PC **A02**/MF **A01**

**PAT-APPL-6-588 164**
Reciprocating Magnetic Refrigerator Employing Tandem Porous Matrices within a Reciprocating Displacer.
PATENT-4 507 928 **22**-*550,566* Not available NTIS

**PAT-APPL-6-589 241**
Solvent Wash Solution.
PAT-APPL-6-589 241 **21**-*548,981* PC **A03**/MF **A01**

**PAT-APPL-6-589 253**
Spring Loaded Thermocouple Module.
PAT-APPL-6-589 253 **21**-*548,699* PC **A02**/MF **A01**

**PAT-APPL-6-589 254**
Temperature Actuated Automatic Safety Rod Release.
PAT-APPL-6-589 254 **21**-*548,967* PC **A02**/MF **A01**

**PAT-APPL-6-589 255**
Porous Metallic Bodies.
PAT-APPL-6-589 255 **21**-*548,165* PC **A02**/MF **A01**

**PAT-APPL-6-589 256**
Control of Gas Tungsten Arc Welding Pool Shape by Trace Element Addition to the Weld Pool.
PAT-APPL-6-589 256 **21**-*548,626* PC **A02**/MF **A01**

**PAT-APPL-6-589 279**
Stud Hardware with Self-Contained Stud Anti-Rotation Feature and Method of Installing Studs.
PAT-APPL-6-589 279 **21**-*548,607* PC **A02**/MF **A01**

**PAT-APPL-6-589 280**
Rod-to-Rod Spacing Illuminating Device.
PAT-APPL-6-589 280 **21**-*548,290* PC **A02**/MF **A01**

**PAT-APPL-6-590 317**
Short Rise Time Intense Electron Beam Generator.
PAT-APPL-6-590 317 **21**-*547,904* PC **A02**/MF **A01**

**PAT-APPL-6-590 923**
Tensile Testing Apparatus.
PATENT-4 535 636 **26**-*561,295* Not available NTIS

**PAT-APPL-6-591 089**
Diamondlike Flakes.
PATENT-4 495 044 **15**-*533,991* Not available NTIS

**PAT-APPL-6-591 646**
Elmo Bumpy Square Plasma Confinement Device.
PAT-APPL-6-591 646 **19**-*543,812* PC **A02**/MF **A01**

**PAT-APPL-6-591 650**
Thermal Protection Apparatus.
PAT-APPL-6-591 650 **21**-*548,053* PC **A02**/MF **A01**

**PAT-APPL-6-591 651**
Broad-Band Beam Buncher.
PAT-APPL-6-591 651 **21**-*547,905* PC **A02**/MF **A01**

**PAT-APPL-6-591 715**
Gas Generator Fuel Flow Throttle Control System.
PAT-APPL-6-591 715 **23**-*554,517* PC **A03**/MF **A01**

**PAT-APPL-6-592 302**
Electron Beam Accelerator with Magnetic Pulse Compression and Accelerator Switching.
PAT-APPL-6-592 302 **21**-*549,108* PC **A02**/MF **A01**

**PAT-APPL-6-595 011**
Methods for Enhancing Mapping of Thermal Fronts in Oi
Recovery.
PAT-APPL-6-595 011 **21**-*547,865* PC **A02**/MF **A01**

**PAT-APPL-6-595 012**
Fuel Cell Separator with Compressible Sealing Flanges.
PAT-APPL-6-595 012 **21**-*548,081* PC **A02**/MF **A01**

**PAT-APPL-6-595 013**
Diamond-Anvil High-Pressure Cell with Improved X-Ray Collimation System.
PAT-APPL-6-595 013 **21**-*548,700* PC **A02**/MF **A01**

**PAT-APPL-6-595 014**
Coaxial Test Fixture.
PAT-APPL-6-595 014 **21**-*547,906* PC **A02**/MF **A01**

**PAT-APPL-6-595 016**
Cloning and Expression of the Gene for Bacteriophage T7 RNA Polymerase.
PAT-APPL-6-595 016 **21**-*547,496* PC **A02**/MF **A01**

**PAT-APPL-6-595 203**
Improved Cell Design for Lithium Alloy/Metal Sulfide Battery.
PAT-APPL-6-595 203 **21**-*548,099* PC **A02**/MF **A01**

**PAT-APPL-6-595 204**
Thermal Sensor with an Improved Coating.
PAT-APPL-6-595 204 **21**-*548,803* PC **A02**/MF **A01**

**PAT-APPL-6-595 231**
Pushrod Assembly.
PAT-APPL-6-595 231 **21**-*548,982* PC **A02**/MF **A01**

**PAT-APPL-6-596 636**
Method for Obtaining Periplasmic Proteins from Bacterial Cells Using Chloroform.
PATENT-4 497 730 **11**-*523,683* Not available NTIS

**PAT-APPL-6-596 784**
Moisture Absorbing Anti-Arcing Coating and Method For Applying Same
PAT-APPL-6-596 784 **02**-*504,040* PC **A02**/MF **A01**

**PAT-APPL-6-596 870**
Thermionic Gas Switch.
PAT-APPL-6-596 870 **21**-*548,968* PC **A02**/MF **A01**

**PAT-APPL-6-596 960**
Dual Clearance Squeeze Film Damper.
PATENT-4 527 910 **26**-*562,051* Not available NTIS

**PAT-APPL-6-597 005**
Polysilane Positive Photoresist Materials and Methods for Their Use.
PAT-APPL-6-597 005 **21**-*548,185* PC **A03**/MF **A01**

**PAT-APPL-6-597 627**
Removal of Arsenic Compounds from Petroliferous Liquids.
PAT-APPL-6-597 627 **21**-*548,562* PC **A02**/MF **A01**

**PAT-APPL-6-597 802**
Rotary Multiposition Valve.
PAT-APPL-6-597 802 **21**-*548,654* PC **A02**/MF **A01**

**PAT-APPL-6-597 966**
In-Situ Annular Face Grinder.
PAT-APPL-6-597 966 **05**-*511,984* PC **A02**/MF **A01**

**PAT-APPL-6-598 611**
Fuel Cell Having Dual Electrode Anode or Cathode.
PAT-APPL-6-598 611 **21**-*548,082* PC **A02**/MF **A01**

**PAT-APPL-6-598 621**
Heat Insulating System for a Fast Reactor Shield Slab.
PAT-APPL-6-598 621 **21**-*548,969* PC **A02**/MF **A01**

**PAT-APPL-6-598 777**
Metal (11) 4,4',4',4''-Phthalocyanine Tetraamines as Curing Agents for Epoxy Resins.
PAT-APPL-6-598 777 **15**-*534,060* PC **A02**/MF **A01**
Metal (2) 4,4',4',4'' Phthalocyanine Tetraamines as Curing Agents for Epoxy Resins.
PATENT-4 537 834 **26**-*560,463* Not available NTIS

**PAT-APPL-6-599 108**
Ultrasonic Shear Wave Couplant.
PAT-APPL-6-599 108 **21**-*548,701* PC **A02**/MF **A01**

**PAT-APPL-6-599 110**
Apparatus for Sampling and Characterizing Aerosols.
PAT-APPL-6-599 110 **21**-*548,918* PC **A02**/MF **A01**

**PAT-APPL-6-599 111**
Lead-Iron Phosphate Glass as a Containment Medium for the Disposal of High-Level Nuclear Wastes.
PAT-APPL-6-599 111 **21**-*548,919* PC **A03**/MF **A01**

**PAT-APPL-6-599 291**
Dual Beam Translator for Use in Laser Doppler Anemometry.
PAT-APPL-6-599 291 **21**-*548,702* PC **A02**/MF **A01**

**PAT-APPL-6-599 292**
Sub-Micron Particle Sampler Apparatus and Method for Sampling sub-Micron Particles.
PAT-APPL-6-599 292 **21**-*548,703* PC **A03**/MF **A01**

**PAT-APPL-6-600 645**
Electrostatic Quadrupole Focused Particle Accelerating Assembly with Laminar Flow Beam.
PAT-APPL-6-600 645 **21**-*549,109* PC **A02**/MF **A01**

**PAT-APPL-6-600 664**
Tokamak Plasma Current Disruption Infrared Control System.
PAT-APPL-6-600 664 **21**-*548,836* PC **A03**/MF **A01**

**PAT-APPL-6-600 876**
Composition and Method for Cleaning Embedded Soil from Surfaces Having Low Gloss Coatings.
PAT-APPL-6-600 876 **08**-*516,922* PC **A02**/MF **A01**

**PAT-APPL-6-601 130**
Containerless High Purity Pulling Process and Apparatus for Glass Fibers.
PAT-APPL-6-601 130 **01**-*501,891* PC **A02**/MF **A01**

**PAT-APPL-6-601 314**
Carbamates of Colchicine for Treatment of Gout.
PATENT-4 533 675 **24**-*555,261* Not available NTIS

**PAT-APPL-6-601 516**
Apparatus for Determining the Liquid Water Content of a Gas.
PAT-APPL-6-601 516 **01**-*501,982* PC **A02**/MF **A01**

**PAT-APPL-6-601 751**
Metallized Synthetic Cable.
PAT-APPL-6-601 751 **01**-*502,093* PC **A02**/MF **A01**

**PAT-APPL-6-602 035**
Pressurized Heat Treatment of Glass Ceramic.
PAT-APPL-6-602 035 **21**-*548,110* PC **A02**/MF **A01**

**PAT-APPL-6-602 050**
Oxidizing Seal for a Turbine Tip Gas Path.
PATENT-4 540 336 **26**-*560,882* Not available NTIS

**PAT-APPL-6-602 109**
Field-Effect Transistor Having a Superlattice Channel and High Carrier Velocities at High Applied Fields.
PAT-APPL-6-602 109 **21**-*547,907* PC **A03**/MF **A01**

**PAT-APPL-6-602 243**
Water Displacement Mercury Pump.
PAT-APPL-6-602 243 **21**-*548,655* PC **A03**/MF **A01**

**PAT-APPL-6-602 245**
Low Temperature Catalyst System for Methanol Production.
PAT-APPL-6-602 245 **21**-*549,233* PC **A02**/MF **A01**

**PAT-APPL-6-602 256**
Fluorinated Polyurethanes.
PATENT-4 477 643 **10**-*522,166* Not available NTIS

**PAT-APPL-6-602 520**
Substantially Purified Tumor Growth Inhibitory Factor (TIF).
PAT-APPL-6-602 520 **02**-*503,424* PC **A04**/MF **A01**

**PAT-APPL-6-604 200**
Hanging Core Support System for a Nuclear Reactor.
PAT-APPL-6-604 200 **21**-*548,970* PC **A02**/MF **A01**

**PAT-APPL-6-604 337**
Diffusely Reflecting Paints Including Polytetrafluoroethylene and Method of Manufacture.
PATENT-4 518 722 **22**-*550,396* Not available NTIS

**PAT-APPL-6-604 351**
Safe-Haven Locking Device.
PAT-APPL-6-604 351 **21**-*548,666* PC **A02**/MF **A01**

**PAT-APPL-6-604 352**
Particle Trap for Compressed Gas Insulated Transmission Systems.
PAT-APPL-6-604 352 **21**-*547,908* PC **A03**/MF **A01**

**PAT-APPL-6-604 547**
Radiofrequency Amplifier Based on a DC Superconducting Quantum Interference Device.
PAT-APPL-6-604 547 **21**-*548,014* PC **A02**/MF **A01**

**PAT-APPL-6-604 666**
Method for Uniformly Bending Conduits.
PAT-APPL-6-604 666 **21**-*548,627* PC **A02**/MF **A01**

**PAT-APPL-6-604 686**
Exploding Conducting Film Laser Pumping Apparatus.
PAT-APPL-6-604 686 **21**-*549,037* PC **A02**/MF **A01**

**PAT-APPL-6-605 317**
(Vinyloxy)Chlorocyclotriphosphazenes.
PAT-APPL-6-605 317 **08**-*516,358* PC **A02**/MF **A01**

**PAT-APPL-6-605 345**
Granulation of Urea Phosphate from Urea and Merchant-Grade Phosphoric Acid.
PATENT-4 512 793 **18**-*539,688* Not available NTIS

**PAT-APPL-6-605 438**
Indium-111 Labeled Anti-Melanoma Monoclonal Antibodies.
PAT-APPL-6-605 438 **21**-*547,533* PC **A03**/MF **A01**

**PAT-APPL-6-605 439**
Palladium-109 Labeled Anti-Melanoma Monoclonal Antibodies.
PAT-APPL-6-605 439 **21**-*547,534* PC **A02**/MF **A01**

**PAT-APPL-6-605 950**
Apparatus for Unilateral Generation of a Homogeneous Magnetic Field.
PAT-APPL-6-605 950 **21**-*547,909* PC **A02**/MF **A01**

**PAT-APPL-6-605 951**
Flue Gas Desulfurization
PAT-APPL-6-605 951 **21**-*548,563* PC **A02**/MF **A01**

**PAT-APPL-6-606 036**
Prospecting by Sampling and Analysis of Airborne Particulates and Gases.
PAT-APPL-6-606 036 **15**-*533,723* PC **A02**/MF **A01**

**PAT-APPL-6-606 037**
Apparatus and Method for the Spectrochemical Analysis of Liquids Using the Laser Spark.
PAT-APPL-6-606 037 **21**-*547,774* PC **A02**/MF **A01**

**PAT-APPL-6-606 038**
Improved Negative Ion Source.
PAT-APPL-6-606 038 **21**-*549,124* PC **A03**/MF **A01**

**PAT-APPL-6-607 477**
Connector/Nitinol delta Contact Force Device.
PAT-APPL-6-607 477 **08**-*516,580* PC **A02**/MF **A01**

**PAT-APPL-6-608 282**
Oxygen Analyzer.
PAT-APPL-6-608 282 **21**-*548,704* PC **A02**/MF **A01**

**PAT-APPL-6-608 739**
Process for Immobilizing Radioactive Boric Acid Liquid Wastes.
PAT-APPL-6-608 739 **21**-*548,920* PC **A02**/MF **A01**

**PAT-APPL-6-608 741**
Phenoxy Resins Containing Pendent Ethynyl Groups and Cured Resins Obtained Therefrom.
PATENT-4 510 296 **22**-*549,973* Not available NTIS

**PAT-APPL-6-609 685**
Acoustic Cross-Correlation Flowmeter for Solid-Gas Flow.
PAT-APPL-6-609 685 **21**-*549,234* PC **A02**/MF **A01**

**PAT-APPL-6-609 686**
Solar System Fault Detection.
PAT-APPL-6-609 686 **21**-*548,291* PC A03/MF **A01**

**PAT-APPL-6-609 940**
Process for Preparation of Crosslinked Poly(tri-n-butyltin) Methacrylate with Simultaneous Particle Size Reduction.
PAT-APPL-6-609 940 **02**-*503,501* PC **A02**/MF **A01**

**PAT-APPL-6-610 148**
Survivable Local Area Network.
PAT-APPL-6-610 148 **08**-*517,376* PC **A02**/MF **A01**

**PAT-APPL-6-610 904**
Superconducting Magnetic Energy Storage for Asynchronous Electrical Systems.
PAT-APPL-6-610 904 **21**-*548,100* PC **A02**/MF **A01**

**PAT-APPL-6-610 905**
Method for Preparing High Purity Vanadium.
PAT-APPL-6-610 905 **21**-*548,166* PC **A02**/MF **A01**

**PAT-APPL-6-610 911**
Mask Aligner for Solar Cell Fabrication.
PAT-APPL-6-610 911 **08**-*517,210* PC **A02**/MF **A01**

**PAT-APPL-6-610 912**
Method for Making Heterocyclic Block Copolymers.
PAT-APPL-6-610 912 **07**-*514,685* PC **A02**/MF **A01**

**PAT-APPL-6-610 913**
Contact Insertion and Wire Lay Robotic End Effector Apparatus.
PAT-APPL-6-610 913 **08**-*517,211* PC **A02**/MF **A01**

**PAT-APPL-6-611 557**
Ethylenediamine Salt of 5-Nitrotetrazole and Preparation.
PAT-APPL-6-611 557 **21**-*548,996* PC **A02**/MF **A01**

**PAT-APPL-6-611 558**
Preparation of Ethylenediamine Dinitrate.
PAT-APPL-6-611 558 **21**-*548,997* PC **A02**/MF **A01**

**PAT-APPL-6-611 772**
Rigid Zeolite Containing Polyurethane Foams.
PAT-APPL-6-611 772 **21**-*548,186* PC **A02**/MF **A01**

**PAT-APPL-6-611 773**
Method for Preparing Hydride Configurations and Reactive Metal Surfaces.
PAT-APPL-6-611 773 **21**-*547,775* PC **A02**/MF **A01**

**PAT-APPL-6-611 811**
Nonlinear Technique for High-Resolution Data Processing.
PAT-APPL-6-611 811 **05**-*511,502* PC **A03**/MF **A01**

**PAT-APPL-6-612 199**
Method for Extracting Lanthanides and Actinides from Acid Solutions by Modification of Purex Solvent.
PAT-APPL-6-612 199 **21**-*548,921* PC **A03**/MF **A01**

**PAT-APPL-6-612 288**
Electrooptical Matrix Multiplication Using the Twos Complement Arithmetic for Improved Accuracy.
PAT-APPL-6-612 288 **01**-*501,338* PC **A02**/MF **A01**

**PAT-APPL-6-612 528**
Phased Locked Array Laser Systems.
PAT-APPL-6-612 528 **02**-*504,888* PC **A02**/MF **A01**

**PAT-APPL-6-612 951**
Electrolyte Reservoir for Carbonate Fuel Cells.
PAT-APPL-6-612 951 **21**-*548,083* PC **A02**/MF **A01**

**PAT-APPL-6-612 952**
Method of Preparing Thin Porous Sheets of Ceramic Material.
PAT-APPL-6-612 952 **21**-*548,111* PC **A02**/MF **A01**

**PAT-APPL-6-612 953**
Method of Distributing Liquefaction Catalysts in Solid Carbonaceous Material.
PAT-APPL-6-612 953 **21**-*549,235* PC **A02**/MF **A01**

**PAT-APPL-6-612 954**
Nonsaturable Microdryer
PAT-APPL-6-612 954 **21**-*548,292* PC **A02**/MF **A01**

**PAT-APPL-6-612 955**
Apparatus Producing Constant Cable Tension for Intermittent Demand.
PAT-APPL-6-612 955 **21**-*548,638* PC **A03**/MF **A01**

**PAT-APPL-6-612 990**
New Solar Cell Design for Improved Open Circuit Voltage and High Efficiency.
PAT-APPL-6-612 990 **01**-*501,475* PC **A02**/MF **A01**

**PAT-APPL-6-613 497**

Servo Operated Anti-G Suit Pressurization System.

PAT-APPL-6-613 497 **08**-*516,285* PC **A02**/MF **A01**

**PAT-APPL-6-614 077**

Improved Catalysts for Carbon and Coal Gasification.

PAT-APPL-6-614 077 **21**-*549,236* PC **A03**/MF **A01**

**PAT-APPL-6-614 505**

Fuel Cell Separator Plate with Bellows-Type Sealing Flanges.

PAT-APPL-6-614 505 **21**-*548,084* PC **A02**/MF **A01**

**PAT-APPL-6-614 506**

Method and Apparatus for Measuring Areas of Photoelectric Cells and Photoelectric Cell Performance Parameters.

PAT-APPL-6-614 506 **21**-*548,085* PC **A02**/MF **A01**

**PAT-APPL-6-614 507**

Control System for Fluid Heated Steam Generator.

PAT-APPL-6-614 507 **21**-*548,293* PC **A02**/MF **A01**

**PAT-APPL-6-614 508**

High Temperature Polymer Concrete.

PAT-APPL-6-614 508 **21**-*548,599* PC **A02**/MF **A01**

**PAT-APPL-6-615 210**

Container for Radioactive Materials.

PAT-APPL-6-615 210 **21**-*548,895* PC **A02**/MF **A01**

**PAT-APPL-6-615 432**

Differential Pressure Pin Discharge Apparatus.

PAT-APPL-6-615 432 **21**-*548,983* PC **A02**/MF **A01**

**PAT-APPL-6-615 486**

Improved Flow Cytometer Measurement of Binding Assays.

PAT-APPL-6-615 486 **21**-*548,705* PC **A02**/MF **A01**

**PAT-APPL-6-615 505**

Improved Monogroove Heat Pipe Design: Insulated Liquid Channel with Bridging Wick.

PAT-APPL-6-615 505 **03**-*506,615* PC **A02**/MF **A01**

Monogroove Heat Pipe Design: Insulated Liquid Channel with Bridging Wick.

PATENT-4 515 207 **22**-*550,568* Not available NTIS

**PAT-APPL-6-615 507**

Polyaromatic Ether-Sulfone-Keytones with Fluoro-Substituted-P-Cyclophane Units as Cross-Linking Sites.

PATENT-4 499 258 **15**-*533,478* Not available NTIS

**PAT-APPL-6-616 002**

Multi-Leg Heat Pipe Evaporator.

PAT-APPL-6-616 002 **01**-*501,703* PC **A02**/MF **A01**

**PAT-APPL-6-616 380**

One-Piece HPTR (High Pressure Turbine Rotor) Blade Squealer Tip.

PAT-APPL-6-616 380 **08**-*518,294* PC **A02**/MF **A01**

**PAT-APPL-6-616 455**

Fissile Solution Measurement Apparatus.

PAT-APPL-6-616 455 **21**-*548,865* PC **A02**/MF **A01**

**PAT-APPL-6-616 866**

Combination Frangible Nose Cap EMI (Electromagnetic Interference) Shield.

PAT-APPL-6-616 866 **01**-*502,338* PC **A02**/MF **A01**

**PAT-APPL-6-617 049**

Precise Bearing Support Ditherer.

PAT-APPL-6-617 049 **08**-*517,212* PC **A02**/MF **A01**

Precise Bearing Support Ditherer with Piezoelectric Drive Means.

PATENT-4 523 120 **24**-*556,080* Not available NTIS

**PAT-APPL-6-617 197**

Neutral Particle Beam Intensity Controller.

PAT-APPL-6-617 197 **21**-*548,837* PC **A02**/MF **A01**

**PAT-APPL-6-617 220**

Digital Raster Timing Encoder/Decoder.

PAT-APPL-6-617 220 **01**-*502,094* PC **A03**/MF **A01**

**PAT-APPL-6-617 651**

Switching Power Supply.

PAT-APPL-6-617 651 **21**-*548,086* PC **A03**/MF **A01**

**PAT-APPL-6-617 652**

Gas Shielding Apparatus.

PAT-APPL-6-617 652 **21**-*548,639* PC **A02**/MF **A01**

**PAT-APPL-6-617 653**

Reversing-Counterpulse Repetitive-Pulse Inductive Storage Circuit.

PAT-APPL-6-617 653 **21**-*548,015* PC **A02**/MF **A01**

**PAT-APPL-6-617 656**

Combined Cold Compressor/Ejector Helium Refrigerator.

PAT-APPL-6-617 656 **21**-*548,294* PC **A02**/MF **A01**

**PAT-APPL-6-617 657**

Apparatus for Removably Holding a Plurality of Microballoons.

PAT-APPL-6-617 657 **21**-*548,838* PC **A02**/MF **A01**

**PAT-APPL-6-617 658**

Series-Counterpulse Repetitive-Pulse Inductive Storage Circuit.

PAT-APPL-6-617 658 **21**-*548,101* PC **A02**/MF **A01**

**PAT-APPL-6-617 659**

Bragg Cell Spectrum Analyizer Specification.

PAT-APPL-6-617 659 **02**-*504,904* PC **A02**/MF **A01**

**PAT-APPL-6-617 660**

Method for Making a Low Density Polyethylene Waste Form for Safe Disposal of Low Level Radioactive Material.

PAT-APPL-6-617 660 **21**-*548,922* PC **A03**/MF **A01**

**PAT-APPL-6-617 668**

Phase Lock Acquisition System.

PAT-APPL-6-617 668 **23**-*552,880* PC **A02**/MF **A01**

**PAT-APPL-6-617 777**

Process for Producing Carbide Coatings.

PAT-APPL-6-617 777 **01**-*501,512* PC **A02**/MF **A01**

**PAT-APPL-6-617 781**

Composite Desiccant Structure.

PAT-APPL-6-617 781 **21**-*548,129* PC **A02**/MF **A01**

**PAT-APPL-6-617 871**

Stabilized Unsaturated Polyesters.

PAT-APPL-6-617 871 **01**-*501,079* PC **A02**/MF **A01**

Stabilized Unsaturated Polyesters.

PATENT-4 523 008 **22**-*549,974* Not available NTIS

**PAT-APPL-6-618 287**

Noise Jammer Discrimination by Noise Modulation Bandwidth.

PAT-APPL-6-618 287 **08**-*517,383* PC **A02**/MF **A01**

**PAT-APPL-6-619 436**

Broadband Matching Network.

PAT-APPL-6-619 436 **05**-*512,144* PC **A02**/MF **A01**

**PAT-APPL-6-619 507**

Water Toxicity Field Test System.

PAT-APPL-6-619 507 **01**-*500,908* PC **A02**/MF **A01**

**PAT-APPL-6-619 759**

Electronic Imaging System and Technique.

PAT-APPL-6-619 759 **21**-*548,016* PC **A02**/MF **A01**

**PAT-APPL-6-619 886**

Process for Functionalizing Alkanes.

PAT-APPL-6-619 886 **21**-*547,820* PC **A02**/MF **A01**

**PAT-APPL-6-620 211**

Fly's Eye Sensor Nonlinear Signal Processing.

PAT-APPL-6-620 211 **01**-*501,983* PC **A03**/MF **A01**

**PAT-APPL-6-620 212**

Solar Cell Coverslide Extraction Method and Apparatus.

PAT-APPL-6-620 212 **01**-*501,476* PC **A02**/MF **A01**

**PAT-APPL-6-620 287**

Feedback Regulated Induction Heater for a Flowing Fluid.

PAT-APPL-6-620 287 **21**-*548,295* PC **A02**/MF **A01**

**PAT-APPL-6-620 305**

Fiber Optics Interface for a Dye Laser Oscillator and Method.

PAT-APPL-6-620 305 **21**-*549,038* PC **A02**/MF **A01**

**PAT-APPL-6-620 306**

Conductor-Polymer Composite Electrode Materials.

PAT-APPL-6-620 306 **21**-*548,130* PC **A02**/MF **A01**

**PAT-APPL-6-620 308**

Liquid Uranium Alloy-Helium Fission Reactor.

PAT-APPL-6-620 308 **21**-*548,971* PC **A02**/MF **A01**

**PAT-APPL-6-620 646**

Low Perturbation Electron Injector for Cyclic Accelerators.

PAT-APPL-6-620 646 **02**-*504,932* PC **A02**/MF **A01**

**PAT-APPL-6-620 815**

Device for Simulating Stress on Packages during Coupling of Railcars.

PAT-APPL-6-620 815 **05**-*511,945* PC **A02**/MF **A01**

**PAT-APPL-6-621 294**

Hydraulic Mining Method.

PAT-APPL-6-621 294 **21**-*547,866* PC **A02**/MF **A01**

**PAT-APPL-6-622 368**

Programmable Multichannel Sonobuoy Transmitter.

PAT-APPL-6-622 368 **24**-*556,199* PC **A02**/MF **A01**

**PAT-APPL-6-622 370**

Electronic Module Insertion and Retraction Mechanism.

PAT-APPL-6-622 370 **02**-*504,414* PC **A02**/MF **A01**

**PAT-APPL-6-622 515**

Production of Lead from Sulfides.

PATENT-4 500 398 **13**-*529,090* Not available NTIS

**PAT-APPL-6-623 874**

Method of Precisely Modifying Predetermined Surface Layers of a Workpiece by Cluster Ion Impact Therewith.

PAT-APPL-6-623 874 **21**-*548,167* PC **A03**/MF **A01**

**PAT-APPL-6-623 875**

Electrically Conductive Containment Vessel for Molten Aluminum.

PAT-APPL-6-623 875 **21**-*548,608* PC **A02**/MF **A01**

**PAT-APPL-6-623 923**

Process for Site-Specific Mutagenesis without Phenotypic Selection.

PAT-APPL-6-623 923 **03**-*505,785* PC **A02**/MF **A01**

**PAT-APPL-6-624 085**

Nitriding of Super Alloys for Enhancing Physical Properties.

PAT-APPL-6-624 085 **21**-*548,168* PC **A02**/MF **A01**

**PAT-APPL-6-624 564**

Immunologically Active Peptides Capable of Inducing Immunization against Malaria and Genes Encoding Therefor.

PAT-APPL-6-624 564 **01**-*500,665* PC **A04**/MF **A01**

**PAT-APPL-6-624 567**

Secure Digital Speech Communication.

PAT-APPL-6-624 567 **11**-*524,877* PC **A05**/MF **A01**

**PAT-APPL-6-624 568**

Adaptive Mutual Interference Suppression Method.

PAT-APPL-6-624 568 **01**-*502,124* PC **A03**/MF **A01**

**PAT-APPL-6-625 321**

Method for Determining Depth and Shape of a sub-Surface Conductive Object.

PAT-APPL-6-625 321 **21**-*547,845* PC **A02**/MF **A01**

**PAT-APPL-6-625 322**

Fast Shutter Apparatus.

PAT-APPL-6-625 322 **21**-*548,640* PC **A02**/MF **A01**

**PAT-APPL-6-625 323**

Electrically Conductive Doped Block Copolymer of Polyacetylene and Polyisoprene.

PAT-APPL-6-625 323 **21**-*548,187* PC **A02**/MF **A01**

**PAT-APPL-6-625 324**

High Temperature Structural Insulating Material.

PAT-APPL-6-625 324 **21**-*548,296* PC **A02**/MF **A01**

**PAT-APPL-6-625 325**

Evacuate and Backfill Apparatus and Method.

PAT-APPL-6-625 325 **21**-*548,972* PC **A02**/MF **A01**

**PAT-APPL-6-625 326**

Multiple-Stage Integrating Accelerometer.

PAT-APPL-6-625 326 **21**-*548,706* PC **A03**/MF **A01**

**PAT-APPL-6-625 327**

Fluidizing Device for Solid Particulates.

PAT-APPL-6-625 327 **21**-*548,641* PC **A02**/MF **A01**

**PAT-APPL-6-626 506**

Advanced Cube Processor.

PAT-APPL-6-626 506 **01**-*501,339* PC **A02**/MF **A01**

**PAT-APPL-6-626 510**

1-Fluoro-1,1,5-Trinitro-3-Oxa-5-Azahexane and Method of Preparation.

PAT-APPL-6-626 510 **05**-*512,382* PC **A02**/MF **A01**

**PAT-APPL-6-626 850**

Temperature Adaptable Textile Fibers and Method of Preparing Same.

PAT-APPL-6-626 850 **01**-*501,528* PC **A03**/MF **A01**

**PAT-APPL-6-627 307**

Airspeed Sensing Pressure Valve System.

PAT-APPL-6-627 307 **08**-*515,758* PC **A02**/MF **A01**

**PAT-APPL-6-627 691**

Data Acquisition Channel Apparatus.

PAT-APPL-6-627 691 **05**-*511,551* PC **A02**/MF **A01**

**PAT-APPL-6-627 699**

Magnetostatic Wave Frequency Analyzer Apparatus.

PAT-APPL-6-627 699 **01**-*501,984* PC **A02**/MF **A01**

**PAT-APPL-6-627 707**

Apparatus for and a Method of Controlling Multiple Time-Varying Processes.

PAT-APPL-6-627 707 **01**-*501,348* PC **A02**/MF **A01**

**PAT-APPL-6-627 936**

Padlock Shackle.

PAT-APPL-6-627 936 **05**-*511,950* PC **A02**/MF **A01**

**PAT-APPL-6-627 939**

Automatic Pattern Recognition Apparatus.

PAT-APPL-6-627 939 **02**-*503,859* PC **A02**/MF **A01**

**PAT-APPL-6-628 078**

Non-Bonded Ultrasonic Transducer.

PAT-APPL-6-628 078 **21**-*548,707* PC **A02**/MF **A01**

**PAT-APPL-6-628 079**

Fluidized Bed Gasification of Extracted Coal.

PAT-APPL-6-628 079 **18**-*542,005* PC **A02**/MF **A01**

**PAT-APPL-6-628 093**

Scanning Alarm Electronic Processor.

PAT-APPL-6-628 093 **05**-*512,068* PC **A02**/MF **A01**

**PAT-APPL-6-628 700**

Vacuum Ultraviolet Laser.

PAT-APPL-6-628 700 **19**-*544,025* PC **A02**/MF **A01**

**PAT-APPL-6-628 866**

Deposition of Diamondlike Carbon Films.

PATENT-4 490 229 **13**-*529,449* Not available NTIS

**PAT-APPL-6-629 284**

Data Collection System.

PAT-APPL-6-629 284 **01**-*501,340* PC **A02**/MF **A01**

**PAT-APPL-6-629 862**

High or Low-Side Solid State Relay with Current Limiting and Operational Testing.

PAT-APPL-6-629 862 **01**-*501,382* PC **A02**/MF **A01**

**PAT-APPL-6-629 865**

Battery Control and Fault Detection Method.

PAT-APPL-6-629 865 **04**-*509,344* PC **A02**/MF **A01**

**PAT-APPL-6-629 926**

Phase only Adaptive Nulling in a Monopulse Antenna.

PAT-APPL-6-629 926 **01**-*502,125* PC **A03**/MF **A01**

**PAT-APPL-6-630 049**
Quasi-Optical Harmonic Gyrotron and Gyroklystron.
PAT-APPL-6-630 049 **02**-*503,776* PC **A03**/MF **A01**

**PAT-APPL-6-630 148**
Lightweight Cryogenic Tank with Positive Expulsion.
PAT-APPL-6-630 148 **25**-*558,693* PC **A02**/MF **A01**

**PAT-APPL-6-631 265**
Woven Heat Exchanger.
PAT-APPL-6-631 265 **19**-*543,346* PC **A02**/MF **A01**

**PAT-APPL-6-631 693**
Device for Frequency Modulation of a Laser Output Spectrum.
PAT-APPL-6-631 693 **19**-*544,026* PC **A02**/MF **A01**

**PAT-APPL-6-631 697**
Portable Cutting Apparatus.
PAT-APPL-6-631 697 **19**-*543,622* PC **A02**/MF **A01**

**PAT-APPL-6-631 954**
Prefabricated Panels for Rapidly Runway Repair and Expedient Airfield Surfacing.
PAT-APPL-6-631 954 **01**-*500,060* PC **A02**/MF **A01**

**PAT-APPL-6-632 179**
Electrochromic Display Device.
PAT-APPL-6-632 179 **20**-*545,241* PC **A03**/MF **A01**

**PAT-APPL-6-632 347**
Radiation-Hardened Polymeric Films.
PAT-APPL-6-632 347 **21**-*548,188* PC **A02**/MF **A01**

**PAT-APPL-6-632 742**
Silicon Nitride Protective Coatings for Silvered Glass Mirrors.
PAT-APPL-6-632 742 **18**-*540,811* PC **A02**/MF **A01**

**PAT-APPL-6-632 743**
Monitoring System for a Liquid-Cooled Nuclear Fission Reactor.
PAT-APPL-6-632 743 **21**-*548,973* PC **A03**/MF **A01**

**PAT-APPL-6-633 178**
System for Controlling the Oxygen Content of a Gas Produced by Combustion.
PAT-APPL-6-633 178 **01**-*502,657* PC **A02**/MF **A01**

**PAT-APPL-6-633 179**
Technique for Measuring Gas Conversion Factors.
PAT-APPL-6-633 179 **01**-*501,985* PC **A02**/MF **A01**

**PAT-APPL-6-633 180**
Warm Fog Dissipation Using Large Volume Water Sprays.
PAT-APPL-6-633 180 **01**-*500,061* PC **A02**/MF **A01**

**PAT-APPL-6-633 363**
Solar-Heated Oil Shale Retort.
PAT-APPL-6-633 363 **01**-*500,937* PC **A02**/MF **A01**

**PAT-APPL-6-634 247**
Direct View Helmet Mounted Telescope.
PAT-APPL-6-634 247 **01**-*502,118* PC **A02**/MF **A01**

**PAT-APPL-6-634 345**
Thermally Stable Thermoset Resin Compositions.
PAT-APPL-6-634 345 **01**-*501,576* PC **A02**/MF **A01**

**PAT-APPL-6-634 346**
Thermosetting Arylether Compounds and Their Synthesis.
PAT-APPL-6-634 346 **01**-*500,955* PC **A02**/MF **A01**

**PAT-APPL-6-635 019**
Method of Burning Lightly Loaded Coal-Water Slurries.
PAT-APPL-6-635 019 **21**-*549,237* PC **A02**/MF **A01**

**PAT-APPL-6-635 020**

PAT-APPL-6-635 020 **19**-*543,244* PC **A02**/MF **A01**

**PAT-APPL-6-635 022**
On-Line Temperature Sensor.
PAT-APPL-6-635 022 **21**-*548,974* PC **A02**/MF **A01**

**PAT-APPL-6-635 072**
Vehicle Anchoring System.
PAT-APPL-6-635 072 **01**-*501,828* PC **A02**/MF **A01**

**PAT-APPL-6-635 393**
LPE (Liquid Phase Epitaxy) Semiconductor Material Transfer Method.
PAT-APPL-6-635 393 **01**-*501,273* PC **A02**/MF **A01**

**PAT-APPL-6-635 693**
Optical Fibers with Reduced Pressure Sensitivity to High Frequency Acoustic Field.
PAT-APPL-6-635 693 **02**-*504,905* PC **A02**/MF **A01**

**PAT-APPL-6-635 866**
Adhesive Joint Formation under Field Conditions.
PAT-APPL-6-635 866 **08**-*517,169* PC **A02**/MF **A01**

**PAT-APPL-6-636 038**
Battery Charger.
PAT-APPL-6-636 038 **05**-*511,641* PC **A02**/MF **A01**

**PAT-APPL-6-636 261**
Intact Gene and Method of Excising and Cloning Same.
PAT-APPL-6-636 261 **01**-*500,591* PC **A03**/MF **A01**

**PAT-APPL-6-636 454**
Safing and Arming Mechanism.
PAT-APPL-6-636 454 **01**-*502,320* PC **A02**/MF **A01**

**PAT-APPL-6-636 459**
Bi-Directional Control System for Energy Flow in a Solar Powered Flywheel.
PAT-APPL-6-636 459 **01**-*501,495* PC **A02**/MF **A01**

**PAT-APPL-6-636 463**
Improved Heat Exchanger for Electrothermal Devices.
PAT-APPL-6-636 463 **01**-*502,659* PC **A02**/MF **A01**

**PAT-APPL-6-636 465**
Linear Motion Valve.
PAT-APPL-6-636 465 **01**-*501,912* PC **A02**/MF **A01**

Linear Motion Valve.
PATENT-4 523 741 **22**-*550,803* Not available NTIS

**PAT-APPL-6-636 511**
Method of Bonding Silver to Glass and Mirrors Produced According to This Method.
PAT-APPL-6-636 511 **19**-*543,164* PC **A03**/MF **A01**

**PAT-APPL-6-636 631**
Capacitance Measuring Device.
PAT-APPL-6-636 631 **19**-*543,690* PC **A02**/MF **A01**

**PAT-APPL-6-636 655**
Reduction of Reabsorption Effects in Scintillators by Employing Solutes with Large Stokes Shifts.
PAT-APPL-6-636 655 **19**-*543,839* PC **A03**/MF **A01**

**PAT-APPL-6-636 656**
Method for Fluorination of Actinide Fluorides and Oxyfluorides Using O sub 2 F sub 2.
PAT-APPL-6-636 656 **21**-*547,776* PC **A02**/MF **A01**

**PAT-APPL-6-636 657**
Precision Linear Ramp Function Generator.
PAT-APPL-6-636 657 **19**-*542,987* PC **A02**/MF **A01**

**PAT-APPL-6-636 658**
Method for Removing Oxide Contamination from Silicon Carbide Powders.
PAT-APPL-6-636 658 **21**-*547,777* PC **A02**/MF **A01**

**PAT-APPL-6-636 659**
Manufacturing Process to Reduce Large Grain Growth in Zirconium Alloys.
PAT-APPL-6-636 659 **21**-*548,169* PC **A02**/MF **A01**

**PAT-APPL-6-636 751**
Thermoelectric Generator and Method for the Fabrication Thereof.
PAT-APPL-6-636 751 **19**-*543,141* PC **A02**/MF **A01**

**PAT-APPL-6-636 769**
Heat Pipe Oven Molecular Beam Source.
PAT-APPL-6-636 769 **03**-*506,809* PC **A02**/MF **A01**

**PAT-APPL-6-637 238**
Improved Arresting and Recovery System for Test Missiles.
PAT-APPL-6-637 238 **22**-*550,916* PC **A02**/MF **A01**

**PAT-APPL-6-637 241**
Soil Sampling Apparatus.
PAT-APPL-6-637 241 **07**-*514,780* PC **A02**/MF **A01**

**PAT-APPL-6-637 250**
Vehicle-to-Vehicle Connection Mechanism.
PAT-APPL-6-637 250 **01**-*501,842* PC **A02**/MF **A01**

**PAT-APPL-6-637 627**
Fiber Optic Moisture Sensor.
PAT-APPL-6-637 627 **19**-*543,691* PC **A02**/MF **A01**

**PAT-APPL-6-637 628**
Self-Contained Hot-Hollow Cathode Gun Source Assembly.
PAT-APPL-6-637 628 **24**-*555,475* PC **A02**/MF **A01**

**PAT-APPL-6-637 629**
Method and Apparatus for Conducting Variable Thickness Vapor Deposition.
PAT-APPL-6-637 629 **24**-*555,787* PC **A02**/MF **A01**

**PAT-APPL-6-638 428**
Metaphit, a Specific Acylating Agent for the (sup 3)H Phencyclidine.
PAT-APPL-6-638 428 **20**-*544,939* PC **A02**/MF **A01**

**PAT-APPL-6-638 541**
Piezoelectric Deicing Device.
PAT-APPL-6-638 541 **01**-*500,046* PC **A02**/MF **A01**

**PAT-APPL-6-638 584**
Measurement Amplifier.
PAT-APPL-6-638 584 **01**-*501,349* PC **A02**/MF **A01**

**PAT-APPL-6-638 585**
Low Loss Splicing Method for Single-Mode Optical Fiber.
PAT-APPL-6-638 585 **01**-*502,419* PC **A02**/MF **A01**

**PAT-APPL-6-638 586**
Synchronization Tracking in Pulse Position Modulation Receiver.
PAT-APPL-6-638 586 **01**-*502,095* PC **A02**/MF **A01**

**PAT-APPL-6-638 826**
Microemulsions from Vegetable Oil and Lower Alcohol with Octanol Surfactant as Alternative Fuel for Diesel Engines.
PAT-APPL-6-638 826 **01**-*502,714* PC **A02**/MF **A01**

**PAT-APPL-6-638 827**
Process to Produce Durable Press Low Formaldehyde Release Cellulosic Textiles.
PAT-APPL-6-638 827 **01**-*501,529* PC **A03**/MF **A01**

**PAT-APPL-6-639 287**
Quantitative Determination of Mineral Composition by Powder X-ray Diffraction.
PAT-APPL-6-639 287 **19**-*542,890* PC **A02**/MF **A01**

**PAT-APPL-6-639 673**
Hydrophobic Dental Composites Based on a Polyfluorinated Dental Resin.
PAT-APPL-6-639 673 **03**-*505,696* PC **A03**/MF **A01**

**PAT-APPL-6-640 178**
Coaxial Probe for Measuring the Current Density Profile of Intense Electron Beams.
PAT-APPL-6-640 178 **05**-*512,069* PC **A02**/MF **A01**

**PAT-APPL-6-640 286**
Method and Apparatus for Casting Conductive and Semi-Conductive Materials.
PAT-APPL-6-640 286 **19**-*543,607* PC **A02**/MF **A01**

**PAT-APPL-6-640 623**
Over-Center Toggle Latch.
PAT-APPL-6-640 623 **22**-*550,724* PC **A02**/MF **A01**

**PAT-APPL-6-640 624**
Matrix Display Simulation.
PAT-APPL-6-640 624 **03**-*506,125* PC **A03**/MF **A01**

**PAT-APPL-6-640 636**
Propellant Tank Resupply System.
PAT-APPL-6-640 636 **01**-*502,753* PC **A02**/MF **A01**

**PAT-APPL-6-640 712**
Improved Thermal Barrier Coating System.
PAT-APPL-6-640 712 **02**-*504,041* PC **A02**/MF **A01**

**PAT-APPL-6-640 902**
Tracking Servo Compensator with Rate Aiding.
PAT-APPL-6-640 902 **03**-*506,919* PC **A03**/MF **A01**

**PAT-APPL-6-640 904**
Parallel Processor Configuration for Adaptive Antenna Arrays.
PAT-APPL-6-640 904 **03**-*506,904* PC **A04**/MF **A01**

**PAT-APPL-6-640 916**
Method for Making Alloy Additions to Base Metals Having Higher Melting Points.
PAT-APPL-6-640 916 **04**-*509,437* PC **A02**/MF **A01**

**PAT-APPL-6-641 143**
Fire-Resistant Phosphorus Containing Compounds, Polyimides and Copolyimides.
PAT-APPL-6-641 143 **15**-*533,472* PC **A02**/MF **A01**

Fire-Resistant Phosphorus Containing Polyimides and Copolyimides.
PATENT-4 536 565 **26**-*560,960* Not available NTIS

**PAT-APPL-6-641 146**
FET Charge Sensor and Voltage Probe.
PAT-APPL-6-641 146 **01**-*501,350* PC **A02**/MF **A01**

**PAT-APPL-6-641 147**
Fire and Heat Resistant Laminating Resins Based on Maleimido and Citraconimido Substituted 1-(Diorgano Oxyphosphonyl)Methyl-2,4- and 2,6-Diaminobenzenes.
PAT-APPL-6-641 147 **15**-*534,061* PC **A03**/MF **A01**

**PAT-APPL-6-641 153**
Fire Resistant Polymers Based on 1-(Diorgano Oxyphosphonyl)Methyl-2,4- and 2,6-Diamino Benzenes.
PAT-APPL-6-641 153 **15**-*534,062* PC **A02**/MF **A01**

**PAT-APPL-6-641 189**
Hydraulic Locking Roltwork System.
PAT-APPL-6-641 189 **01**-*501,843* PC **A02**/MF **A01**

**PAT-APPL-6-641 222**
Drying of Pulverized Material with Heated Condensible Vapor.
PAT-APPL-6-641 222 **19**-*543,692* PC **A02**/MF **A01**

**PAT-APPL-6-641 223**
Disc Valve for Sampling Erosive Process Streams.
PAT-APPL-6-641 223 **21**-*548,708* PC **A02**/MF **A01**

**PAT-APPL-6-641 225**
Magnetically Insulated Diode for Generating Pulsed Neutron and gamma Ray Emissions.
PAT-APPL-6-641 225 **19**-*544,130* PC **A03**/MF **A01**

**PAT-APPL-6-641 522**
Apparatus and Method for Identification of Matrix Materials in Which Transuranic Elements Are Embedded Using Thermal Neutron Capture gamma-Ray Emission.
PAT-APPL-6-641 522 **19**-*543,840* PC **A03**/MF **A01**

**PAT-APPL-6-641 547**
Latch Assembly.
PAT-APPL-6-641 547 **21**-*548,984* PC **A02**/MF **A01**

**PAT-APPL-6-642 310**
Negative Electrode Catalyst for the Iron-Chromium Redox Energy Storage System.
PAT-APPL-6-642 310 **01**-*501,496* PC **A02**/MF **A01**

**PAT-APPL-6-642 602**
Shoulder and Hip Joint for Hard Space Suits and the Like.
PAT-APPL-6-642 602 **01**-*500,833* PC **A02**/MF **A01**

**PAT-APPL-6-643 138**
Method and Apparatus for High Speed, Sustained Recording of Infrared Laser Beam Patterns.
PAT-APPL-6-643 138 **12**-*527,944* PC **A02**/MF **A01**

**PAT-APPL-6-643 139**
Buried Junction Enhanced Schottky Barrier Device.
PAT-APPL-6-643 139 **04**-*509,943* PC **A02**/MF **A01**

**PAT-APPL-6-643 140**

Erosion-Resistant Nosetip Construction.
PAT-APPL-6-643 140 **03**-*507,873* PC **A02**/MF **A01**

Erosion-Resistant Nosetip Construction.
PATENT-4 515 847 **23**-*554,544* Not available NTIS

**PAT-APPL-6-643 201**

Miniature High Performance Pulsed Modulator Apparatus.
PAT-APPL-6-643 201 **05**-*511,552* PC **A02**/MF **A01**

**PAT-APPL-6-643 203**

Tally Cell Circuit.
PAT-APPL-6-643 203 **08**-*516,703* PC **A02**/MF **A01**

**PAT-APPL-6-643 209**

Long Range Ordered Alloys Modified by Addition of Niobium and Cerium.
PAT-APPL-6-643 209 **18**-*540,858* PC **A02**/MF **A01**

**PAT-APPL-6-643 216**

Improved Real-Time Ultra-High Resolution Image Projection Display Using Laser-Addressed Liquid Crystal Light Valve.
PAT-APPL-6-643 216 **05**-*511,553* PC **A02**/MF **A01**

**PAT-APPL-6-643 327**

Method of Preparing Single Crystalline Cubic Silicon Carbide Layers.
PAT-APPL-6-643 327 **02**-*504,863* PC **A02**/MF **A01**

**PAT-APPL-6-643 348**

Shear Wave Transducer for Boreholes.
PAT-APPL-6-643 348 **19**-*542,926* PC **A02**/MF **A01**

**PAT-APPL-6-643 522**

Magnetic Spin Reduction System for Free Spinning Objects.
PAT-APPL-6-643 522 **04**-*510,554* PC **A02**/MF **A01**

**PAT-APPL-6-643 523**

Volumetric Fuel Quantity Gauge.
PAT-APPL-6-643 523 **01**-*501,986* PC **A02**/MF **A01**

**PAT-APPL-6-643 524**

Process for Preparing Essentially Colorless Polyimide Film Containing Phenoxy-Linked Diamines,
PAT-APPL-6-643 524 **13**-*529,446* PC **A02**/MF **A01**

**PAT-APPL-6-643 589**

Process for Preparing Highly Optically Transparent-Colorless Armomatic Polyimide Film.
PAT-APPL-6-643 589 **15**-*533,989* PC **A02**/MF **A01**

**PAT-APPL-6-643 990**

Method for Detecting Aflatoxin in Almonds.
PAT-APPL-6-643 990 **01**-*500,733* PC **A02**/MF **A01**

**PAT-APPL-6-644 467**

Electrochemical Methane Sensor.
PAT-APPL-6-644 467 **19**-*543,693* PC **A03**/MF **A01**

**PAT-APPL-6-645 389**

Cryogenic Glass-to-Metal Seal.
PAT-APPL-6-645 389 **03**-*506,363* PC **A02**/MF **A01**

**PAT-APPL-6-645 390**

Random Pattern Tracking Acceleration Tolerance Tester.
PAT-APPL-6-645 390 **04**-*508,668* PC **A03**/MF **A01**

**PAT-APPL-6-645 468**

Low Noise Multiple Crystal-Controlled Oscillator.
PAT-APPL-6-645 468 **04**-*509,186* PC **A02**/MF **A01**

**PAT-APPL-6-645 650**

Salinity Driven Oceanographic Upwelling.
PAT-APPL-6-645 650 **19**-*542,517* PC **A03**/MF **A01**

**PAT-APPL-6-645 651**

Method for Preparing Pb- beta ''-Alumina Ceramic.
PAT-APPL-6-645 651 **19**-*543,165* PC **A02**/MF **A01**

**PAT-APPL-6-645 652**

Corrosion Resistant Storage Container for Radioactive Material.
PAT-APPL-6-645 652 **19**-*543,895* PC **A03**/MF **A01**

**PAT-APPL-6-645 653**

Method for Production of Ceramic Oxide and Carbide Bodies by Polymer Inclusion and Decomposition.
PAT-APPL-6-645 653 **18**-*541,733* PC **A02**/MF **A01**

**PAT-APPL-6-645 654**

Fast Reactor Power Plant Design Having Heat Pipe Heat Exchanger.
PAT-APPL-6-645 654 **21**-*548,883* PC **A02**/MF **A01**

**PAT-APPL-6-645 725**

System and Method of Operating Toroidal Magnetic Confinement Devices.
PAT-APPL-6-645 725 **19**-*543,813* PC **A03**/MF **A01**

**PAT-APPL-6-645 888**

Laser Vibrometer.
PAT-APPL-6-645 888 **24**-*556,149* PC **A02**/MF **A01**

**PAT-APPL-6-645 956**

Air Blast Type Coal Slurry Fuel Injector.
PAT-APPL-6-645 956 **21**-*549,247* PC **A02**/MF **A01**

**PAT-APPL-6-646 044**

Reactant Pressure Differential Control for Fuel Cell Gases.
PATENT-4 509 548 **26**-*560,860* Not available NTIS

**PAT-APPL-6-646 535**

Fuse Status Indicator System.
PAT-APPL-6-646 535 **01**-*502,321* PC **A02**/MF **A01**

**PAT-APPL-6-646 536**

Chemical Sensor Matrix.
PAT-APPL-6-646 536 **01**-*502,024* PC **A02**/MF **A01**

**PAT-APPL-6-646 730**

Improved Transport Carriage.
PAT-APPL-6-646 730 **13**-*528,375* PC **A02**/MF **A01**

**PAT-APPL-6-647 324**

Torque Sensor.
PAT-APPL-6-647 324 **01**-*501,987* PC **A02**/MF **A01**

**PAT-APPL-6-647 728**

Improved Toposcopic Catheter and Method of Fabrication.
PAT-APPL-6-647 728 **03**-*505,740* PC **A02**/MF **A01**

**PAT-APPL-6-647 767**

Single Optical Fiber Telephone System.
PAT-APPL-6-647 767 **01**-*502,096* PC **A03**/MF **A01**

**PAT-APPL-6-647 777**

Method for Automatic Water Mass Classification.
PAT-APPL-6-647 777 **05**-*511,437* PC **A02**/MF **A01**

**PAT-APPL-6-647 781**

Electromechanical Switch.
PAT-APPL-6-647 781 **04**-*509,067* PC **A02**/MF **A01**

**PAT-APPL-6-647 782**

Dynamic Polymer Pressure Transducer with Temperature Compensation.
PAT-APPL-6-647 782 **03**-*506,810* PC **A02**/MF **A01**

**PAT-APPL-6-648 185**

Process to Produce Fine Line Metallic Collection Patterns on Semiconductors Devices.
PAT-APPL-6-648 185 **15**-*534,039* PC **A02**/MF **A01**

**PAT-APPL-6-648 197**

Thermophoretic Separation of Aerosol Particles from a Sampled Gas Stream.
PAT-APPL-6-648 197 **24**-*556,435* PC **A02**/MF **A01**

**PAT-APPL-6-648 211**

Liquid Sampling System.
PAT-APPL-6-648 211 **18**-*541,340* PC **A02**/MF **A01**

**PAT-APPL-6-648 398**

Improved Process for the Preparation of Fiber-Reinforced Ceramic Composites by Chemical Vapor Deposition.
PAT-APPL-6-648 398 **19**-*543,195* PC **A02**/MF **A01**

**PAT-APPL-6-649 038**

Wood Beam.
PAT-APPL-6-649 038 **13**-*529,532* PC **A02**/MF **A01**

**PAT-APPL-6-649 322**

Heat Sinking for Printed Circuitry.
PAT-APPL-6-649 322 **19**-*542,988* PC **A02**/MF **A01**

**PAT-APPL-6-649 328**

Melt-Flow-Toughness Modified Polyimide.
PAT-APPL-6-649 328 **03**-*505,890* PC **A02**/MF **A01**

**PAT-APPL-6-649 329**

Helicopter Anti-Torque System Using Strakes.
PAT-APPL-6-649 329 **02**-*502,797* PC **A02**/MF **A01**

**PAT-APPL-6-649 330**

Oxidation Protection Coatings for Polymers.
PAT-APPL-6-649 330 **13**-*529,447* PC **A02**/MF **A01**

**PAT-APPL-6-649 445**

Automated Parts Storage and Retrieval System Positioning Device and Method.
PAT-APPL-6-649 445 **08**-*517,156* PC **A02**/MF **A01**

**PAT-APPL-6-649 454**

Apparatus for Retrieving, Placing, and Stocking Trays from an Automatic Storage and Retrieval Carousel.
PAT-APPL-6-649 454 **12**-*527,423* PC **A02**/MF **A01**

**PAT-APPL-6-649 565**

Bomb and Bomb Liner.
PAT-APPL-6-649 565 **03**-*507,242* PC **A02**/MF **A01**

**PAT-APPL-6-649 623**

Method for Controlling the Viscosity of Siloxane Oils.
PAT-APPL-6-649 623 **21**-*548,180* PC **A02**/MF **A01**

**PAT-APPL-6-649 625**

Measurement of Radionuclides in Waste Packages.
PAT-APPL-6-649 625 **19**-*543,896* PC **A02**/MF **A01**

**PAT-APPL-6-649 626**

Method for Recovery of Actinides from Actinide-Bearing Scrap and Waste Nuclear Material Using O sub 2 F sub 2.
PAT-APPL-6-649 626 **21**-*548,923* PC **A02**/MF **A01**

**PAT-APPL-6-649 627**

Apparatus and Method for the Horizontal, Crucible-Free Growth of Silicon Sheet Crystals.
PAT-APPL-6-649 627 **19**-*543,985* PC **A02**/MF **A01**

**PAT-APPL-6-649 628**

Gas Hydrate Cool Storage System.
PAT-APPL-6-649 628 **25**-*556,365* PC **A02**/MF **A01**

**PAT-APPL-6-649 772**

Mechanical Connection for a Tubular Assembly.
PAT-APPL-6-649 772 **21**-*548,985* PC **A02**/MF **A01**

**PAT-APPL-6-650 462**

Process for Enhanced Fermentation of Xylose to Ethanol.
PAT-APPL-6-650 462 **11**-*523,664* PC **A02**/MF **A01**

**PAT-APPL-6-650 464**

Metallic Glass Composition.
PAT-APPL-6-650 464 **19**-*543,231* PC **A02**/MF **A01**

**PAT-APPL-6-650 587**

Improved Locking Balls for Logging Carriage.
PAT-APPL-6-650 587 **13**-*528,376* PC **A02**/MF **A01**

**PAT-APPL-6-650 737**

Method and Apparatus to Control Soil Moisture Matric Potential.
PAT-APPL-6-650 737 **05**-*511,447* PC **A02**/MF **A01**

**PAT-APPL-6-650 739**

Method for Screening Bacteria and Application Thereof for Field Control of Pythium spp. on Small Grain Crops.
PAT-APPL-6-650 739 **03**-*505,750* PC **A02**/MF **A01**

**PAT-APPL-6-651 399**

Improved Operation of Transversely Exited N2O Lasers.
PAT-APPL-6-651 399 **08**-*517,785* PC **A02**/MF **A01**

**PAT-APPL-6-651 563**

Nonabsorbent Roller Applicator.
PAT-APPL-6-651 563 **04**-*508,581* PC **A02**/MF **A01**

**PAT-APPL-6-651 961**

Multiple Rate Shock Isolator Damping Valve.
PAT-APPL-6-651 961 **05**-*511,958* PC **A02**/MF **A01**

**PAT-APPL-6-651 983**

Heater Block Assembly for Use in Thermal Oxidation Testing of Jet Fuel.
PAT-APPL-6-651 983 **05**-*512,070* PC **A02**/MF **A01**

**PAT-APPL-6-652 395**

Wide-Range Radiation Dose Monitor.
PAT-APPL-6-652 395 **19**-*543,841* PC **A02**/MF **A01**

**PAT-APPL-6-652 396**

Stable n-CuINSe/sub 2/Iodide-Iodine Photoelectrochemical Cell.
PAT-APPL-6-652 396 **19**-*543,142* PC **A02**/MF **A01**

**PAT-APPL-6-652 690**

Electrolytic Cell.
PAT-APPL-6-652 690 **19**-*543,694* PC **A02**/MF **A01**

**PAT-APPL-6-653 116**

High Capacity Inorganic Oxyhalide Electrochemical Cell.
PAT-APPL-6-653 116 **02**-*503,596* PC **A02**/MF **A01**

**PAT-APPL-6-653 641**

Programmable Realtime Interface between a Block Floating Point Processor and Memory.
PAT-APPL-6-653 641 **05**-*511,503* PC **A02**/MF **A01**

**PAT-APPL-6-654 113**

UF Sub 6 -Recovery Process Utilizing Desublimation.
PAT-APPL-6-654 113 **19**-*543,824* PC **A02**/MF **A01**

**PAT-APPL-6-654 213**

Synthetic Peptides for the Production of Specific Keratin Proteins.
PAT-APPL-6-654 213 **03**-*505,620* PC **A02**/MF **A01**

**PAT-APPL-6-654 338**

Integrated Defense Communications System Antijamming Antenna System.
PAT-APPL-6-654 338 **05**-*512,177* PC **A02**/MF **A01**

**PAT-APPL-6-654 926**

Triple Matrix Product Optical Processors Using Combined Time-and-Space Integration.
PAT-APPL-6-654 926 **08**-*516,643* PC **A03**/MF **A01**

**PAT-APPL-6-655 114**

Rechargeable Lithium Cell.
PAT-APPL-6-655 114 **02**-*504,021* PC **A02**/MF **A01**

**PAT-APPL-6-655 486**

Aluminum Battery Alloys.
PAT-APPL-6-655 486 **24**-*555,689* PC **A02**/MF **A01**

**PAT-APPL-6-655 487**

Beam Current Sensor.
PAT-APPL-6-655 487 **18**-*541,341* PC **A02**/MF **A01**

**PAT-APPL-6-655 488**

Dispersion Toughened Ceramic Composites and Method for Making Same.
PAT-APPL-6-655 488 **19**-*543,196* PC **A02**/MF **A01**

**PAT-APPL-6-655 489**

Polymer Blends for Use in Photoelectrochemical Cells for Conversion of Solar Energy to Electricity.
PAT-APPL-6-655 489 **19**-*543,143* PC **A02**/MF **A01**

**PAT-APPL-6-655 490**

Counterpulse Railgun Energy Recovery Circuit.
PAT-APPL-6-655 490 **24**-*555,690* PC **A02**/MF **A01**

**PAT-APPL-6-655 499**

Microchannel Plate Streak Camera.
PAT-APPL-6-655 499 **18**-*541,499* PC **A02**/MF **A01**

**PAT-APPL-6-655 500**

Solid State Radiative Heat Pump.
PAT-APPL-6-655 500 **19**-*543,347* PC **A03**/MF **A01**

**PAT-APPL-6-655 593**

Overpulse Railgun Energy Recovery Circuit.
PAT-APPL-6-655 593 **24**-*555,691* PC **A02**/MF **A01**

**PAT-APPL-6-655 598**
Method for Removing Chlorine Compounds from Hydrocarbon Mixtures.
PAT-APPL-6-655 598 **19**-*544,400* PC **A02**/MF **A01**

**PAT-APPL-6-655 601**
Method and Apparatus for Operating on Companded PCM (Pulse Code Modulation) Voice Data.
PAT-APPL-6-655 601 **22**-*550,933* PC **A02**/MF **A01**

**PAT-APPL-6-655 605**
Photorefractor Ocular Screening System.
PAT-APPL-6-655 605 **13**-*528,799* PC **A02**/MF **A01**

**PAT-APPL-6-655 606**
Improved Legislated Emergency Locating Transmitters and Emergency Position Indicating Radio Beacons.
PAT-APPL-6-655 606 **13**-*529,932* PC **A02**/MF **A01**

**PAT-APPL-6-656 208**
Biological Sensor for the Detection of Toxicants.
PAT-APPL-6-656 208 **02**-*504,488* PC **A02**/MF **A01**
Method and Apparatus for the Detection of Toxicants.
PATENT-4 513 280 **24**-*556,156* Not available NTIS

**PAT-APPL-6-656 844**
Adaptive Fast Fourier Transform Weighting Technique to Increase Small Target Sensitivity.
PAT-APPL-6-656 844 **05**-*512,197* PC **A03**/MF **A01**

**PAT-APPL-6-656 845**
Gain Restoration after Doppler Filtering.
PAT-APPL-6-656 845 **05**-*512,198* PC **A02**/MF **A01**

**PAT-APPL-6-657 092**
Transceiver Test Device.
PAT-APPL-6-657 092 **20**-*545,988* PC **A03**/MF **A01**

**PAT-APPL-6-657 097**
Mechanical Locking between Multi-Layer Printed Wiring Board Conductors and Through-Hole Plating.
PAT-APPL-6-657 097 **08**-*516,704* PC **A02**/MF **A01**

**PAT-APPL-6-657 099**
Technique for Rapid Determination of Probability of Detection in Pulse Doppler Radars.
PAT-APPL-6-657 099 **05**-*512,199* PC **A02**/MF **A01**

**PAT-APPL-6-657 100**
Inert Atmosphere Transfer Vessel.
PAT-APPL-6-657 100 **05**-*511,946* PC **A02**/MF **A01**

**PAT-APPL-6-657 115**
Wear Improvement in Titanium Alloys by Ion Implantation.
PAT-APPL-6-657 115 **17**-*538,278* PC **A02**/MF **A01**

**PAT-APPL-6-657 309**
Angular Measurement System.
PAT-APPL-6-657 309 **13**-*529,825* PC **A02**/MF **A01**

**PAT-APPL-6-657 310**
Emitted Vibration Measurement Device and Method.
PAT-APPL-6-657 310 **13**-*529,826* PC **A02**/MF **A01**

**PAT-APPL-6-657 438**
Electrolytic Pressure Transduction System.
PAT-APPL-6-657 438 **25**-*557,748* PC **A02**/MF **A01**

**PAT-APPL-6-657 630**
Immortal Line of Human Fetal Glial Cells.
PAT-APPL-6-657 630 **07**-*514,572* PC **A03**/MF **A01**

**PAT-APPL-6-657 641**
Improvements in Linked-Spar Motion-Compensated Lifting System.
PAT-APPL-6-657 641 **05**-*511,993* PC **A02**/MF **A01**

**PAT-APPL-6-658 945**
Polyactic-Polyglycolic Acid Copolymer Combined with Decalcified Freeze-Dried Bone for Use as a Bone Repair Material.
PAT-APPL-6-658 945 **07**-*514,565* PC **A02**/MF **A01**

**PAT-APPL-6-659 474**
Solid Sorbent Air Sampler.
PAT-APPL-6-659 474 **13**-*529,827* PC **A02**/MF **A01**

**PAT-APPL-6-659 475**
Textured Carbon Surfaces on Copper.
PAT-APPL-6-659 475 **13**-*529,448* PC **A02**/MF **A01**

**PAT-APPL-6-659 484**
Cargo Handling System.
PAT-APPL-6-659 484 **11**-*524,735* PC **A02**/MF **A01**

**PAT-APPL-6-659 490**
Electron Beam Enhanced Surface Modification for Making Highly Resolved Structures.
PAT-APPL-6-659 490 **19**-*542,989* PC **A03**/MF **A01**

**PAT-APPL-6-659 586**
Sodium Nitrate Containing Mixture for Producing Ceramic-Glass-Ceramic Seal by Microwave Heating.
PAT-APPL-6-659 586 **19**-*543,156* PC **A02**/MF **A01**

**PAT-APPL-6-659 587**
Polarized Internal Target Apparatus.
PAT-APPL-6-659 587 **18**-*541,734* PC **A02**/MF **A01**

**PAT-APPL-6-659 920**
High Voltage RF Coaxial Cable.
PAT-APPL-6-659 920 **08**-*516,581* PC **A02**/MF **A01**

**PAT-APPL-6-660 349**
Remote Optical Crack Sensing System.
PAT-APPL-6-660 349 **26**-*561,285* PC **A02**/MF **A01**

**PAT-APPL-6-660 574**
Sealing Assembly.
PAT-APPL-6-660 574 **08**-*516,838* PC **A02**/MF **A01**

**PAT-APPL-6-660 778**
Dermal Substance Collection Device.
PAT-APPL-6-660 778 **25**-*558,815* PC **A03**/MF **A01**

**PAT-APPL-6-661 478**
Over the Wing Propeller.
PAT-APPL-6-661 478 **13**-*528,323* PC **A02**/MF **A01**

**PAT-APPL-6-661 481**
Ion-Beam Nitriding of Steels.
PAT-APPL-6-661 481 **15**-*534,259* PC **A02**/MF **A01**

**PAT-APPL-6-661 549**
High Efficiency Electron Beam Gun Foil Support.
PAT-APPL-6-661 549 **05**-*511,461* PC **A03**/MF **A01**

**PAT-APPL-6-661 623**
Method for Synthesizing Indium Phosphide.
PAT-APPL-6-661 623 **08**-*517,738* PC **A02**/MF **A01**

**PAT-APPL-6-661 833**
Fine Figuring Actuator.
PAT-APPL-6-661 833 **08**-*517,800* PC **A02**/MF **A01**

**PAT-APPL-6-661 834**
Flow Measurement Device.
PAT-APPL-6-661 834 **05**-*512,632* PC **A02**/MF **A01**

**PAT-APPL-6-661 838**
IREB (Intense Relativistic Electron Beam) Converter to AC Pulses.
PAT-APPL-6-661 838 **08**-*516,821* PC **A02**/MF **A01**

**PAT-APPL-6-661 841**
Stabilizing Coal-Water Mixtures with Portland Cement.
PAT-APPL-6-661 841 **19**-*544,401* PC **A02**/MF **A01**

**PAT-APPL-6-661 842**
Portland Cement for SO sub 2 Control in Coal-Fired Power Plants.
PAT-APPL-6-661 842 **19**-*544,402* PC **A02**/MF **A01**

**PAT-APPL-6-661 843**
Remote Temperature-Set-Point Controller.
PAT-APPL-6-661 843 **19**-*543,695* PC **A02**/MF **A01**

**PAT-APPL-6-661 850**
Molten Carbonate Fuel Cell Separator.
PAT-APPL-6-661 850 **19**-*543,144* PC **A02**/MF **A01**

**PAT-APPL-6-661 851**
Integrated Current Collector and Catalyst Support.
PAT-APPL-6-661 851 **21**-*548,087* PC **A02**/MF **A01**

**PAT-APPL-6-661 852**
Recovery of Tritium from Tritiated Molecules.
PAT-APPL-6-661 852 **21**-*548,846* PC **A02**/MF **A01**

**PAT-APPL-6-662 122**
Pivotable Support for Rescue Hoist.
PAT-APPL-6-662 122 **17**-*537,520* PC **A02**/MF **A01**

**PAT-APPL-6-662 378**
Device and Method for Measuring the Energy Content of Hot and Humid Air Streams.
PAT-APPL-6-662 378 **11**-*524,814* PC **A02**/MF **A01**

**PAT-APPL-6-662 476**
Optical Mark Reader.
PAT-APPL-6-662 476 **08**-*516,644* PC **A03**/MF **A01**

**PAT-APPL-6-662 641**
Transparent Electrode for Optical Switch.
PAT-APPL-6-662 641 **21**-*549,060* PC **A02**/MF **A01**

**PAT-APPL-6-662 642**
Electro-Optic Harmonic Conversion to Switch a Laser Beam Out of a Cavity.
PAT-APPL-6-662 642 **21**-*549,061* PC **A03**/MF **A01**

**PAT-APPL-6-662 645**
Limiter.
PAT-APPL-6-662 645 **23**-*553,817* PC **A02**/MF **A01**

**PAT-APPL-6-662 655**
Polarization of Fast Particle Beams by Collisional Pumping.
PAT-APPL-6-662 655 **19**-*543,814* PC **A02**/MF **A01**

**PAT-APPL-6-662 656**
Batteryless Magneto-Driven Portable Radiac.
PAT-APPL-6-662 656 **19**-*543,842* PC **A02**/MF **A01**

**PAT-APPL-6-662 657**
Method of Synthesizing Polymers from a Solid Electrolyte.
PAT-APPL-6-662 657 **24**-*555,258* PC **A02**/MF **A01**

**PAT-APPL-6-662 658**
Superheated Fuel Injection for Combustion of Liquid-Solid Slurries.
PAT-APPL-6-662 658 **19**-*544,337* PC **A02**/MF **A01**

**PAT-APPL-6-662 933**
Hot Rolling of Ceramics by the Use of Self Propagating Synthesis.
PAT-APPL-6-662 933 **08**-*517,201* PC **A02**/MF **A01**

**PAT-APPL-6-663 015**
Technique of Assembling Structures Using Vapor Phase Soldering.
PAT-APPL-6-663 015 **23**-*553,553* PC **A02**/MF **A01**

**PAT-APPL-6-663 969**
Transducer Hydrophone with Filled Reservoir.
PAT-APPL-6-663 969 **07**-*515,233* PC **A02**/MF **A01**

**PAT-APPL-6-664 193**
Improved Magnetic Bias and Delay Linearity in a Magnetostatic Wave Delay Line.
PAT-APPL-6-664 193 **07**-*514,795* PC **A03**/MF **A01**

**PAT-APPL-6-664 197**
Energizing Arrangement for Charge Coupled Device Control Electrodes.
PAT-APPL-6-664 197 **17**-*538,014* PC **A03**/MF **A01**

**PAT-APPL-6-664 267**
Microwave Resonator Using Lateral Excitation.
PAT-APPL-6-664 267 **03**-*506,070* PC **A02**/MF **A01**

**PAT-APPL-6-664 953**
Biologically-Active Xanthine Derivatives.
PAT-APPL-6-664 953 **10**-*521,667* PC **A03**/MF **A01**

**PAT-APPL-6-664 972**
Production of Human T-Cell Leukemia (Lymphotropic) Retrovirus (HTLV-I) Envelope Protein Fragments in Bacteria and Use in Seroepidemiological Survey of Human Lymphoid Malignancies.
PAT-APPL-6-664 972 **05**-*511,032* PC **A02**/MF **A01**

**PAT-APPL-6-665 214**
Antihypertensive Neutral Lipid.
PAT-APPL-6-665 214 **19**-*542,780* PC **A02**/MF **A01**

**PAT-APPL-6-665 400**
Screening Test for Reverse-Transcriptase Containing Virus.
PAT-APPL-6-665 400 **05**-*511,033* PC **A02**/MF **A01**

**PAT-APPL-6-665 866**
Thrust Vectoring Apparatus for Maneuvering Missile in Flight.
PAT-APPL-6-665 866 **17**-*538,779* PC **A02**/MF **A01**

**PAT-APPL-6-665 875**
Shale Oil Dearsenation Process.
PAT-APPL-6-665 875 **05**-*512,619* PC **A02**/MF **A01**

**PAT-APPL-6-666 511**
Extracting Digital Data from a Bus and Multiplexing It with a Video Signal.
PAT-APPL-6-666 511 **08**-*517,328* PC **A04**/MF **A01**

**PAT-APPL-6-666 585**
Method and Apparatus for Maintaining Equilibrium in a Helical Axis Stellarator.
PAT-APPL-6-666 585 **19**-*543,815* PC **A02**/MF **A01**

**PAT-APPL-6-666 594**
Phased Antenna Array for Wind Profiling Applications.
PAT-APPL-6-666 594 **05**-*511,554* PC **A02**/MF **A01**

**PAT-APPL-6-666 597**
Ion Beam Neutralizer.
PAT-APPL-6-666 597 **22**-*551,503* PC **A02**/MF **A01**

**PAT-APPL-6-666 784**
Transdigitizer for Relaying Signals from Global Positioning System (GPS) Satellites.
PAT-APPL-6-666 784 **07**-*515,305* PC **A02**/MF **A01**

**PAT-APPL-6-666 785**
Variable Density Frangible Projectile.
PAT-APPL-6-666 785 **07**-*515,501* PC **A02**/MF **A01**

**PAT-APPL-6-666 786**
Vibration Isolated Cold Plate Assembly.
PAT-APPL-6-666 786 **07**-*515,168* PC **A02**/MF **A01**

**PAT-APPL-6-666 841**
Bistatic Coherent Radar Receiving System.
PAT-APPL-6-666 841 **07**-*515,308* PC **A03**/MF **A01**

**PAT-APPL-6-667 194**
Diffraction Diffusion Screen with Holographically-Suppressed Zero-Order Beam.
PAT-APPL-6-667 194 **07**-*515,551* PC **A02**/MF **A01**

**PAT-APPL-6-667 306**
Selective Anodic Oxidation of Semiconductors for Pattern Generation.
PAT-APPL-6-667 306 **26**-*560,662* PC **A03**/MF **A01**

**PAT-APPL-6-667 315**
Curvilinear Solid Propellant Grain.
PAT-APPL-6-667 315 **08**-*517,711* PC **A02**/MF **A01**

**PAT-APPL-6-668 432**
Nebulization Reflux Concentrator.
PAT-APPL-6-668 432 **13**-*528,918* PC **A02**/MF **A01**

**PAT-APPL-6-668 433**
Apparatus for Producing Diamond-Like Carbon Flakes.
PAT-APPL-6-668 433 **13**-*528,919* PC **A02**/MF **A01**

**PAT-APPL-6-669 131**
Tire Deflation Mechanism.
PAT-APPL-6-669 131 **08**-*517,[illegible]79* PC **A02**/MF **A01**

**PAT-APPL-6-669 140**
Lithium Counterdoped Silicon Solar Cell.
PAT-APPL-6-669 140 **13**-*529,401* PC **A02**/MF **A01**

**PAT-APPL-6-669 147**
Normal Coordinate Monolithic Crystal Filter.
PAT-APPL-6-669 147 **09**-*519,151* PC **A02**/MF **A01**

**PAT-APPL-6-669 287**
Damping Seal for Turbomachinery.
PAT-APPL-6-669 287 **24**-*555,699* PC **A02**/MF **A01**

**PAT-APPL-6-669 911**
Adjustment Structure.
PAT-APPL-6-669 911 **08**-*517,213* PC **A02**/MF **A01**

**PAT-APPL-6-669 912**
Dual Mode Scanner/Tracker.
PAT-APPL-6-669 912 **05**-*512,188* PC **A02**/MF **A01**

**PAT-APPL-6-670 082**
Coherent Receiver Phase and Amplitude Alignment Circuit.
PAT-APPL-6-670 082 **08**-*517,377* PC **A02**/MF **A01**

**PAT-APPL-6-671 391**
Missile Launcher Integral Shock Isolation and Running Gear System.
PAT-APPL-6-671 391 **08**-*517,363* PC **A02**/MF **A01**

**PAT-APPL-6-671 393**
Conformal Phased Array Antenna Pattern Corrector.
PAT-APPL-6-671 393 **08**-*517,403* PC **A02**/MF **A01**

**PAT-APPL-6-671 539**
Process of Synthesizing Mixed BaO-TiO2 Based Powders for Ceramic Applications.
PAT-APPL-6-671 539 **07**-*514,963* PC **A02**/MF **A01**

**PAT-APPL-6-672 056**
Tire Inflation/Deflation System.
PAT-APPL-6-672 056 **08**-*517,180* PC **A02**/MF **A01**

**PAT-APPL-6-672 224**
Variable Friction Secondary Seal for Face Seals.
PAT-APPL-6-672 224 **13**-*529,421* PC **A02**/MF **A01**

**PAT-APPL-6-672 237**
Method for Continuously Casting.
PAT-APPL-6-672 237 **08**-*517,202* PC **A02**/MF **A01**

**PAT-APPL-6-672 239**
High Voltage Disconnect Protection.
PAT-APPL-6-672 239 **08**-*516,582* PC **A02**/MF **A01**

**PAT-APPL-6-672 451**
Isolation and Culture of Adrenal Medullary Endothelial Cells Producing Blood Clotting Factor VIII: C.
PAT-APPL-6-672 451 **10**-*521,394* PC **A03**/MF **A01**

**PAT-APPL-6-673 685**
Reed-Solomon Decoder.
PAT-APPL-6-673 685 **13**-*529,933* PC **A03**/MF **A01**

**PAT-APPL-6-674 395**
Total Immersion Crystal Growth.
PAT-APPL-6-674 395 **15**-*534,742* PC **A02**/MF **A01**

**PAT-APPL-6-675 115**
Corrosion Inhibitor Formulation for Molybdenum, Tungsten and Other Metals.
PAT-APPL-6-675 115 **13**-*529,498* PC **A02**/MF **A01**

**PAT-APPL-6-675 171**
Frequency Selective Signals-to-Noise Enhancer/Limiter Apparatus.
PAT-APPL-6-675 171 **12**-*526,974* PC **A02**/MF **A01**

**PAT-APPL-6-675 173**
Double Pinch-Push Contact Insertion End-Effector.
PAT-APPL-6-675 173 **08**-*517,214* PC **A02**/MF **A01**

**PAT-APPL-6-675 174**
Charge Depletion Meter.
PAT-APPL-6-675 174 **08**-*516,836* PC **A02**/MF **A01**

**PAT-APPL-6-675 276**
Synthesis and Utilization of 17-Methyl and 17-Cyclopropylmethyl-3,14-Dihydroxy-4, 5alpha-Epoxy 6beta-Fluoromorphinans (Foxy and Cyclofoxy) as ((sup 18)F)-Labeled Opioid Ligands for Positron Emission Transaxial Tomography (PETT).
PAT-APPL-6-675 276 **22**-*549,972* PC **A02**/MF **A01**

**PAT-APPL-6-675 617**
Improved Polyethylene Glycol (PEG) Reagent.
PAT-APPL-6-675 617 **20**-*544,742* PC **A02**/MF **A01**

**PAT-APPL-6-675 916**
Electronically Controlled Array for Simulation of Passive Target/Background Signatures at Millimeter Wavelengths.
PAT-APPL-6-675 916 **08**-*517,404* PC **A02**/MF **A01**

**PAT-APPL-6-676 044**
Optical 3-D Signature Device for Detecting Chemical Agents.
PAT-APPL-6-676 044 **17**-*538,743* PC **A03**/MF **A01**

**PAT-APPL-6-676 163**
Improved Silicon Grinding Method and Apparatus.
PAT-APPL-6-676 163 **15**-*534,260* PC **A02**/MF **A01**

**PAT-APPL-6-677 136**
Parallel Local Interface Bus.
PAT-APPL-6-677 136 **22**-*550,253* PC **A02**/MF **A01**

**PAT-APPL-6-677 274**
Freeze Dried Raw Meats.
PAT-APPL-6-677 274 **10**-*521,570* PC **A02**/MF **A01**

**PAT-APPL-6-679 327**
Parallel Programmable Charge Domain Device.
PAT-APPL-6-679 327 **13**-*529,121* PC **A02**/MF **A01**

**PAT-APPL-6-679 332**
Pipelined Programmable Charge Domain Device.
PAT-APPL-6-679 332 **13**-*529,122* PC **A02**/MF **A01**

**PAT-APPL-6-679 333**
Double Pinhole Spatial Phase Correlator Apparatus.
PAT-APPL-6-679 333 **08**-*517,801* PC **A02**/MF **A01**

**PAT-APPL-6-679 432**
Hoist.
PAT-APPL-6-679 432 **08**-*517,157* PC **A02**/MF **A01**

**PAT-APPL-6-679 969**
Integrated Circuit Tunable Cavity Oscillator.
PAT-APPL-6-679 969 **08**-*516,705* PC **A02**/MF **A01**

**PAT-APPL-6-679 970**
Filter Reflection Image Guide Oscillator and Solid State Line Scanning Device.
PAT-APPL-6-679 970 **07**-*514,865* PC **A03**/MF **A01**

**PAT-APPL-6-679 971**
Image Line Voltage Controlled Oscillator with Replaceable Components.
PAT-APPL-6-679 971 **07**-*514,866* PC **A02**/MF **A01**

**PAT-APPL-6-679 972**
Coaxial Cavity Gunn Oscillator Using Probe Coupled Microstrip.
PAT-APPL-6-679 972 **07**-*514,867* PC **A02**/MF **A01**

**PAT-APPL-6-679 974**
Integrated Varactor Tuned Coaxial Gunn Oscillator for 60 GHz Operation.
PAT-APPL-6-679 974 **07**-*514,868* PC **A02**/MF **A01**

**PAT-APPL-6-680 114**
Method and Apparatus for Four-Beam Radar.
PAT-APPL-6-680 114 **15**-*533,009* PC **A02**/MF **A01**

**PAT-APPL-6-680 432**
Active Dispersion Control for a Doppler Broadened Laser.
PAT-APPL-6-680 432 **11**-*525,369* PC **A02**/MF **A01**

**PAT-APPL-6-680 611**
Adapter Pallet System.
PAT-APPL-6-680 611 **26**-*561,315* PC **A02**/MF **A01**

**PAT-APPL-6-680 615**
Output Responsive Field Control for Wind-Driven Alternators and Generators.
PAT-APPL-6-680 615 **11**-*524,390* PC **A02**/MF **A01**

**PAT-APPL-6-680 992**
Method for Rapid DNA (Deoxyribonucleic Acid) Sequencing.
PAT-APPL-6-680 992 **11**-*523,665* PC **A03**/MF **A01**

**PAT-APPL-6-681 733**
Method of Heating Quartz Resonators.
PAT-APPL-6-681 733 **08**-*516,583* PC **A02**/MF **A01**

**PAT-APPL-6-682 126**
Digital High Speed Programmable Convolver.
PAT-APPL-6-682 126 **08**-*516,645* PC **A02**/MF **A01**

**PAT-APPL-6-683 101**
Comparator with Noise Suppression.
PAT-APPL-6-683 101 **13**-*529,254* PC **A02**/MF **A01**

**PAT-APPL-6-683 111**
Method and Apparatus for Measuring Minority Carrier Lifetime in a Direct Band-Gap Semiconductor.
PAT-APPL-6-683 111 **13**-*529,828* PC **A03**/MF **A01**

**PAT-APPL-6-683 284**
Diagnostic Reagent for Swine Trichinosis.
PAT-APPL-6-683 284 **11**-*523,290* PC **A03**/MF **A01**

**PAT-APPL-6-684 186**
Liquid Thickness Gage.
PAT-APPL-6-684 186 **13**-*529,829* PC **A02**/MF **A01**

**PAT-APPL-6-684 190**
Elbow and Knee Joint for Hard Space Suits and the Like.
PAT-APPL-6-684 190 **13**-*528,796* PC **A02**/MF **A01**

**PAT-APPL-6-684 192**
Shoulder and Hip Joint for Hard Space Suits and the Like.
PAT-APPL-6-684 192 **15**-*533,409* PC **A02**/MF **A01**

**PAT-APPL-6-684 193**
Torso Sizing Ring Construction for Hard Space Suit.
PAT-APPL-6-684 193 **15**-*533,410* PC **A02**/MF **A01**

**PAT-APPL-6-684 194**
Adjustable Indicating Device for Load Position.
PAT-APPL-6-684 194 **13**-*530,730* PC **A02**/MF **A01**

**PAT-APPL-6-684 207**
High Switching Speed Electrically Tuned Microwave Magnetic Resonance Devices.
PAT-APPL-6-684 207 **17**-*538,015* PC **A02**/MF **A01**

**PAT-APPL-6-684 240**
Autonomous Uninterruptable Power Supply Apparatus.
PAT-APPL-6-684 240 **11**-*524,391* PC **A02**/MF **A01**

**PAT-APPL-6-684 529**
Transversely Reinforced Piezoelectric Composites.
PAT-APPL-6-684 529 **17**-*538,211* PC **A02**/MF **A01**

**PAT-APPL-6-685 426**
Lightweight Cladding for Magnetic Circuits.
PAT-APPL-6-685 426 **08**-*516,706* PC **A02**/MF **A01**

**PAT-APPL-6-686 048**
Device for Controlling Optical Fiber Twist on a Bobbin.
PAT-APPL-6-686 048 **12**-*527,959* PC **A02**/MF **A01**

**PAT-APPL-6-686 954**
Interactive Communication Channel.
PAT-APPL-6-686 954 **12**-*527,656* PC **A04**/MF **A01**

**PAT-APPL-6-686 959**
Combined Riblet and Lebu Drag Reduction System.
PAT-APPL-6-686 959 **22**-*549,286* PC **A02**/MF **A01**

**PAT-APPL-6-687 370**
Enzyme-Linked Immunosorbent Assay (ELISA) for Determining Anti-Bodies against Herpes Simplex Virus (HSV) Types 1 and 2 in Human Sera.
PAT-APPL-6-687 370 **11**-*523,737* PC **A02**/MF **A01**

**PAT-APPL-6-688 944**
Night Vision Compatible Illumination for Vehicle Crewmember Workspace.
PAT-APPL-6-688 944 **15**-*534,155* PC **A02**/MF **A01**

**PAT-APPL-6-689 115**
Apparatus for Non-Destructive Inspection of Blind Holes.
PAT-APPL-6-689 115 **17**-*538,721* PC **A02**/MF **A01**

**PAT-APPL-6-689 681**
Electron-Bombarded Silicon Spatial Light Modulator.
PAT-APPL-6-689 681 **12**-*527,960* PC **A02**/MF **A01**

**PAT-APPL-6-689 699**
Charge Isolation in a Spatial Light Modulator.
PAT-APPL-6-689 699 **12**-*527,961* PC **A02**/MF **A01**

**PAT-APPL-6-689 700**
Microcomputer Controlled Image Processor.
PAT-APPL-6-689 700 **20**-*545,221* PC **A03**/MF **A01**

**PAT-APPL-6-689 736**
Sabot/Gun Gas Diverter.
PAT-APPL-6-689 736 **12**-*527,892* PC **A02**/MF **A01**

**PAT-APPL-6-690 015**
Processable and Stable Conductive Polymers.
PAT-APPL-6-690 015 **17**-*538,301* PC **A02**/MF **A01**

**PAT-APPL-6-690 212**
Removable Cleanable Antireflection Shield.
PAT-APPL-6-690 212 **20**-*544,504* PC **A02**/MF **A01**

**PAT-APPL-6-690 273**
Low Loss Injector for Liquid Propellant Rocket Engines.
PAT-APPL-6-690 273 **13**-*530,694* PC **A02**/MF **A01**

**PAT-APPL-6-690 274**
Remote Pivot Decoupler Pylon: Wing/Store Suppression.
PAT-APPL-6-690 274 **13**-*528,324* PC **A02**/MF **A01**

**PAT-APPL-6-690 284**
Low Stress Semiconductor-Insulator Interface for Cryogenic Device Applications.
PAT-APPL-6-690 284 **13**-*529,123* PC **A02**/MF **A01**

**PAT-APPL-6-690 358**
Stress Compensation Crystal Device.
PAT-APPL-6-690 358 **09**-*519,076* PC **A03**/MF **A01**

**PAT-APPL-6-690 438**
Vibration Isolator Actuator.
PAT-APPL-6-690 438 **11**-*524,736* PC **A02**/MF **A01**

**PAT-APPL-6-690 541**
Technique to Reduce Scattered Light in Optical Systems.
PAT-APPL-6-690 541 **13**-*530,349* PC **A02**/MF **A01**

**PAT-APPL-6-692 745**
Projection Lens Scanning Laser Velocimeter System.
PAT-APPL-6-692 745 **13**-*529,830* PC **A02**/MF **A01**

**PAT-APPL-6-692 801**
Tube Coupling Device.
PAT-APPL-6-692 801 **13**-*529,706* PC **A02**/MF **A01**

**PAT-APPL-6-692 802**
Improvements in Tank Tread Assemblies.
PAT-APPL-6-692 802 **22**-*550,729* PC **A02**/MF **A01**

**PAT-APPL-6-692 955**
Compact Brake Structure.
PAT-APPL-6-692 955 **23**-*553,567* PC **A02**/MF **A01**

**PAT-APPL-6-693 927**
Vision Test Chart and Method Using Gaussians.
PAT-APPL-6-693 927 **22**-*549,890* PC **A02**/MF **A01**

**PAT-APPL-6-695 327**
Collective Interaction Klystron Specification.
PAT-APPL-6-695 327 **17**-*537,898* PC **A02**/MF **A01**

**PAT-APPL-6-696 129**
Soil Extraction Kit.
PAT-APPL-6-696 129 **20**-*545,989* PC **A02**/MF **A01**

**PAT-APPL-6-696 222**
Improved Method and Apparatus for the Mass Rearing of Fruit Flies.
PAT-APPL-6-696 222 **15**-*533,227* PC **A02**/MF **A01**

**PAT-APPL-6-696 274**
Electronic Temperature Equalizer.
PAT-APPL-6-696 274 **15**-*534,378* PC **A02**/MF **A01**

**PAT-APPL-6-696 538**
Monoclonal Antibodies Against Chlamydial Genus Specific Lipopolysaccharide.
PAT-APPL-6-696 538 **15**-*533,427* PC **A02**/MF **A01**

**PAT-APPL-6-696 566**
Multi-Product Wood Processor.
PAT-APPL-6-696 566 **19**-*542,158* PC **A02**/MF **A01**

**PAT-APPL-6-696 679**
Generation and Display Apparatus.
PAT-APPL-6-696 679 **15**-*533,838* PC **A02**/MF **A01**

**PAT-APPL-6-696 680**
Synthesis of Geminal Dinitro Compounds.
PAT-APPL-6-696 680 **15**-*533,473* PC **A02**/MF **A01**

**PAT-APPL-6-698 199**
Concretization of High Level Radioactive Source in Marine Sediment.
PAT-APPL-6-698 199 **17**-*539,046* PC **A02**/MF **A01**

**PAT-APPL-6-698 476**
Selective Detection of Species in Complex Matrices by SIMS (Secondary Ion Mass Spectrometry).
PAT-APPL-6-698 476 **17**-*537,703* PC **A03**/MF **A01**

**PAT-APPL-6-698 641**
Wide-Angle Flat Field Telescope.
PAT-APPL-6-698 641 **13**-*530,350* PC **A02**/MF **A01**

**PAT-APPL-6-698 720**
Variable Cycle Engine for High Altitude Aircraft.
PAT-APPL-6-698 720 **17**-*539,622* PC **A02**/MF **A01**

**PAT-APPL-6-698 721**
Mode Dependent, Optical Time Delay System for Electrical Signals.
PAT-APPL-6-698 721 **13**-*529,255* PC **A02**/MF **A01**

**PAT-APPL-6-698 725**
ADCCP (Advanced Data Communication Control Procedure) Communication Processor.
PAT-APPL-6-698 725 **13**-*529,934* PC **A02**/MF **A01**

**PAT-APPL-6-698 726**
Printed Wiring Board Circuit Isolator Tool.
PAT-APPL-6-698 726 **15**-*534,267* PC **A02**/MF **A01**

**PAT-APPL-6-698 728**
Optimizing Hot Workability and Controlling Microstructures in Difficult to Process High Strength and High Temperature Materials.
PAT-APPL-6-698 728 **12**-*527,132* PC **A04**/MF **A01**

**PAT-APPL-6-698 957**
Heat Pipe and Method of making same.
PAT-APPL-6-698 957 **15**-*534,743* PC **A02**/MF **A01**

**PAT-APPL-6-698 963**
Stabilizing Force Feedback in Bio-Actuated Control Systems.
PAT-APPL-6-698 963 **14**-*531,122* PC **A03**/MF **A01**

**PAT-APPL-6-698 977**
Length Dependent, Optical Time Delay/Filter Device for Electrical Signals.
PAT-APPL-6-698 977 **13**-*529,256* PC **A03**/MF **A01**

**PAT-APPL-6-698 979**
Wavelength Dependent, Tunable, Optical Time Delay System for Electrical Signals.
PAT-APPL-6-698 979 **12**-*526,975* PC **A02**/MF **A01**

**PAT-APPL-6-699 282**
Nondestructive Noncontact Device to Characterize Semiconductor Material.
PAT-APPL-6-699 282 **16**-*536,396* PC **A02**/MF **A01**

**PAT-APPL-6-699 990**
Dielectric Resonator.
PAT-APPL-6-699 990 **11**-*524,209* PC **A02**/MF **A01**

**PAT-APPL-6-700 246**
BN (Boron Nitrates) Coating of Ceramic Fibers for Ceramic Fiber Composites.
PAT-APPL-6-700 246 **17**-*538,203* PC **A02**/MF **A01**

**PAT-APPL-6-700 255**
Precision Tunable Resonant Microwave Cavity.
PAT-APPL-6-700 255 **13**-*530,579* PC **A02**/MF **A01**

**PAT-APPL-6-700 573**
Cylindrical Crystal Resonator.
PAT-APPL-6-700 573 **11**-*524,210* PC **A03**/MF **A01**

**PAT-APPL-6-701 486**
Ten Degree Kelvin Hydride Refrigerator.
PAT-APPL-6-701 486 **22**-*550,564* PC **A02**/MF **A01**

**PAT-APPL-6-702 091**
Expedient Runway Surfacing with Post Tensioning System for Expeditionary Airfields.
PAT-APPL-6-702 091 **17**-*537,042* PC **A02**/MF **A01**

**PAT-APPL-6-702 114**
Topical Prophylaxis against Schistosomal Infections.
PAT-APPL-6-702 114 **13**-*528,366* PC **A03**/MF **A01**

**PAT-APPL-6-703 847**
Double Photon Excitation of High-Rydberg Atoms as a Long-Lived Submillimeter Detector.
PAT-APPL-6-703 847 **24**-*556,218* PC **A02**/MF **A01**

**PAT-APPL-6-704 109**
System of White-Light Density Pseudocolor Encoding with Three Primary Colors.
PAT-APPL-6-704 109 **15**-*534,801* PC **A02**/MF **A01**

**PAT-APPL-6-704 124**
Low-Profile Fastener.
PAT-APPL-6-704 124 **17**-*538,601* PC **A02**/MF **A01**

**PAT-APPL-6-704 442**
Novel Diolefin Pheromone Mimics as Disruptants of Sexual Communication in Insects.
PAT-APPL-6-704 442 **15**-*533,228* PC **A02**/MF **A01**

**PAT-APPL-6-704 454**
High Accuracy Digital Acousto-Optic Matrix Computer.
PAT-APPL-6-704 454 **17**-*537,956* PC **A02**/MF **A01**

**PAT-APPL-6-704 816**
Injection Controlled Laser Transmitter with Twin Local Oscillators.
PAT-APPL-6-704 816 **12**-*527,664* PC **A02**/MF **A01**

**PAT-APPL-6-705 267**
Monolithic Planar Doped Barrier Limiter.
PAT-APPL-6-705 267 **12**-*526,881* PC **A02**/MF **A01**

**PAT-APPL-6-705 709**
Antiinflammatory 2,3-Didemethylcolchicine and Derivatives.
PAT-APPL-6-705 709 **20**-*544,856* PC **A02**/MF **A01**

**PAT-APPL-6-705 760**
Opacity Control Technique for Jet Engine Test Cells.
PAT-APPL-6-705 760 **17**-*538,722* PC **A02**/MF **A01**

**PAT-APPL-6-705 816**
Telescoping Low Vibration Pulling Mechanism for Czochralski Crystal Growth.
PAT-APPL-6-705 816 **15**-*534,744* PC **A02**/MF **A01**

**PAT-APPL-6-705 827**
Survivable Ground Base Sensor.
PAT-APPL-6-705 827 **15**-*534,519* PC **A04**/MF **A01**

**PAT-APPL-6-706 205**
Process for Improving the Quality of Epitaxial Silicon Films Grown on Insulating Substrates.
PAT-APPL-6-706 205 **20**-*545,890* PC **A03**/MF **A01**

**PAT-APPL-6-706 564**
Method for Growing Low Defect, High Purity Crystalline Layers.
PAT-APPL-6-706 564 **24**-*556,608* PC **A02**/MF **A01**

**PAT-APPL-6-706 565**
Laser Schlieren Crystal Monitor.
PAT-APPL-6-706 565 **24**-*556,150* PC **A02**/MF **A01**

**PAT-APPL-6-706 622**
Use of Paramagnetic Metalloporphyrins as Contrast Agents for Tumors in NMR Imaging.
PAT-APPL-6-706 622 **18**-*540,158* PC **A03**/MF **A01**

**PAT-APPL-6-706 681**
Two-Axis, Self-Nulling Skin Friction Balance.
PAT-APPL-6-706 681 **15**-*534,379* PC **A02**/MF **A01**

**PAT-APPL-6-706 682**
Light Weight Fire Resistant Graphite Composites.
PAT-APPL-6-706 682 **22**-*550,412* PC **A03**/MF **A01**

**PAT-APPL-6-706 811**
Polyethylene Imine-Metal Salt Solid Electrolyte.
PAT-APPL-6-706 811 **17**-*538,180* PC **A02**/MF **A01**

**PAT-APPL-6-707 107**
Adjustment of the Frequency-Temperature Characteristics of Crystal Oscillators.
PAT-APPL-6-707 107 **12**-*526,882* PC **A02**/MF **A01**

**PAT-APPL-6-707 294**
Simple Power Meter for High Energy Pulsed Lasers.
PAT-APPL-6-707 294 **16**-*536,761* PC **A02**/MF **A01**

**PAT-APPL-6-707 346**
Compensation of Acoustic Wave Devices.
PAT-APPL-6-707 346 **12**-*527,896* PC **A02**/MF **A01**

**PAT-APPL-6-707 400**
Monoclonal Antibodies Reactive with Human Breast Cancer.
PAT-APPL-6-707 400 **24**-*555,044* PC **A03**/MF **A01**

**PAT-APPL-6-708 517**
Blood Lysis and Culture System.
PAT-APPL-6-708 517 **22**-*549,743* PC **A02**/MF **A01**

**PAT-APPL-6-708 613**
Monoclonal Antibodies to Epizootic Hemorrhagic Disease Virus Antigen.
PAT-APPL-6-708 613 **18**-*540,025* PC **A02**/MF **A01**

**PAT-APPL-6-708 909**
Multi-Row Connector with Ground Plane Board.
PAT-APPL-6-708 909 **23**-*552,761* PC **A02**/MF **A01**

**PAT-APPL-6-708 926**
Spatial Light Modulator Having a Capacitively Coupled Photoconductor.
PAT-APPL-6-708 926 **15**-*534,802* PC **A02**/MF **A01**

**PAT-APPL-6-709 251**
Optical Waveguide Sensor for Methane Gas.
PAT-APPL-6-709 251 **17**-*538,723* PC **A03**/MF **A01**

**PAT-APPL-6-709 255**
Remotely Operable Peristaltic Pump.
PAT-APPL-6-709 255 **22**-*550,802* PC **A02**/MF **A01**

**PAT-APPL-6-709 257**
Double Reference Pulsed Phase Locked Loop (Drp-2L-2).
PAT-APPL-6-709 257 **15**-*533,857* PC **A02**/MF **A01**

**PAT-APPL-6-709 476**
Self-Aligned GaAs FET with Low 1/f Noise.
PAT-APPL-6-709 476 **17**-*537,899* PC **A02**/MF **A01**

**PAT-APPL-6-709 678**
Purified Antigen from Non-A, Non-B Hepatitis Causing Factor.
PAT-APPL-6-709 678 **15**-*533,320* PC **A03**/MF **A01**

**PAT-APPL-6-711 551**
Oscillating Pressure Device for Dynamic Calibration of Pressure Transducers.
PAT-APPL-6-711 551 **22**-*550,842* PC **A02**/MF **A01**

**PAT-APPL-6-711 936**
Plasma Spray Screen Repair Method.
PAT-APPL-6-711 936 **17**-*538,619* PC **A02**/MF **A01**

**PAT-APPL-6-712 102**
Non-Aqueous Dental Cements Based on Dimer and Trimer Acids.
PAT-APPL-6-712 102 **18**-*540,793* PC **A03**/MF **A01**

**PAT-APPL-6-712 236**
Adeno-Associated Virus as Eukaryotic Expression Vector.
PAT-APPL-6-712 236 **18**-*540,026* PC **A03**/MF **A01**

**PAT-APPL-6-712 943**
Ground Slot Waveguide Laser.
PAT-APPL-6-712 943 **13**-*530,343* PC **A02**/MF **A01**

**PAT-APPL-6-713 666**
Light-Weight Oxygen Delivery Hood Assembly for Hyperbaric Chamber.
PAT-APPL-6-713 666 **17**-*537,550* PC **A02**/MF **A01**

**PAT-APPL-6-714 602**
Method and Apparatus for the Pressing and Alignment of Radially Oriented Toroidal Magnets.
PAT-APPL-6-714 602 **14**-*531,647* PC **A02**/MF **A01**

**PAT-APPL-6-714 666**
Method of Reducing Impurity and Antisite Defects in Semiconductor Crystal Materials, and Device and Apparatus Respectively Produced from and Utilizing Same.
PAT-APPL-6-714 666 **17**-*539,279* PC **A02**/MF **A01**

**PAT-APPL-6-714 711**
Magnetically-Localizable, Polymerized Lipid Vesticles and Method of Disrupting Same.
PAT-APPL-6-714 711 **17**-*537,558* PC **A02**/MF **A01**

**PAT-APPL-6-714 775**
Dual Drain MOSFET Detector for Crosstie Memory Systems.
PAT-APPL-6-714 775 **24**-*555,542* PC **A02**/MF **A01**

**PAT-APPL-6-714 779**
Method for Producing High Quality Germanium-Germanium Nitride Interfaces for Germanium Semiconductors and Device Produced Thereby.
PAT-APPL-6-714 779 **17**-*539,280* PC **A02**/MF **A01**

**PAT-APPL-6-714 784**
Dot Matrix Color Printer.
PAT-APPL-6-714 784 **14**-*532,296* PC **A02**/MF **A01**

**PAT-APPL-6-715 215**
Method of Preparing Nonlaminating Anisotropic Boron Nitride.
PAT-APPL-6-715 215 **14**-*531,514* PC **A02**/MF **A01**

**PAT-APPL-6-715 332**
Rapid Bioassay and a Kit for Peptide Hormones.
PAT-APPL-6-715 332 **20**-*544,743* PC **A03**/MF **A01**

**PAT-APPL-6-715 786**
Analog Frequency Modulated Laser Using Magnetostriction.
PAT-APPL-6-715 786 **17**-*539,330* PC **A02**/MF **A01**

**PAT-APPL-6-715 808**
Method of Pretreating Carbon Black Powder to Improve Cathode Performance and Lithium Sulfuryl Chloride Cell Including the Pretreated Carbon Black Powder.
PAT-APPL-6-715 808 **14**-*531,815* PC **A02**/MF **A01**

**PAT-APPL-6-715 862**
Acceleration Insensitive Oscillator.
PAT-APPL-6-715 862 **14**-*531,648* PC **A02**/MF **A01**

**PAT-APPL-6-715 992**
Constant Rise AGC (Automatic Gain Control) Device.
PAT-APPL-6-715 992 **22**-*550,293* PC **A02**/MF **A01**

**PAT-APPL-6-716 729**
Dielectric Resonator Oscillators with Digital Temperature Compensation.
PAT-APPL-6-716 729 **17**-*537,900* PC **A02**/MF **A01**

**PAT-APPL-6-716 798**
Synthetic Pheromone 5-Hydroxy-4-Methyl-3-Heptanone and Its Use in Controlling Grain Weevils.
PAT-APPL-6-716 798 **18**-*540,293* PC **A02**/MF **A01**

**PAT-APPL-6-716 863**
Method of Characterizing Critical Timing Paths and Analyzing Timing Related Failure Modes in Very Large Scale Integrated Circuits.
PAT-APPL-6-716 863 **20**-*545,192* PC **A04**/MF **A01**

**PAT-APPL-6-716 913**
Polyunsaturated Fatty Acids from Fish Oils.
PAT-APPL-6-716 913 **15**-*533,352* PC **A02**/MF **A01**

**PAT-APPL-6-717 365**
Extended Precision in Video Bandwidth Analog to Digital Converter Using Optical Techniques.

PAT-APPL-6-717 365 **22**-*550,294* PC **A02**/MF **A01**

**PAT-APPL-6-717 613**
Therapeutic and Diagnostic Monoclonal Antibody Specific for Human T-Cell Leukemia Virus Type 1 Envelopes Protein.
PAT-APPL-6-717 613 **21**-*547,535* PC **A02**/MF **A01**

**PAT-APPL-6-717 624**
Functionalized Congeners of Adenosine Receptor Agonists.
PAT-APPL-6-717 624 **20**-*544,744* PC **A03**/MF **A01**

**PAT-APPL-6-717 692**
Human SCLC (Small Cell Lung Cancer) Autocrine Growth Factors and Monoclonal Antibody Blocking the Same.
PAT-APPL-6-717 692 **20**-*544,745* PC **A03**/MF **A01**

**PAT-APPL-6-717 990**
Multi-Track Optical Shaft Position and Timing Cylinder.
PAT-APPL-6-717 990 **14**-*532,297* PC **A02**/MF **A01**

**PAT-APPL-6-718 399**
AIRBOC (Air Rapid Bloom Offboard Chaff) Chaff Deployment System.
PAT-APPL-6-718 399 **22**-*550,945* PC **A02**/MF **A01**

**PAT-APPL-6-718 762**
Marginal Terrain Straddle-Lift Container Handler.
PAT-APPL-6-718 762 **22**-*550,730* PC **A03**/MF **A01**

**PAT-APPL-6-719 403**
Atomically Mixed Alloy Coated Cathodes Specification.
PAT-APPL-6-719 403 **26**-*560,663* PC **A02**/MF **A01**

**PAT-APPL-6-719 792**
Apparatus for Locating Passive Intermodulation Interference Sources.
PAT-APPL-6-719 792 **23**-*554,151* PC **A02**/MF **A01**

**PAT-APPL-6-719 794**
Fluidic Angular Velocity Sensor.
PAT-APPL-6-719 794 **22**-*550,843* PC **A02**/MF **A01**

**PAT-APPL-6-719 796**
High Performance Mixed Bisimide Resins and Composites Based Thereon.
PAT-APPL-6-719 796 **24**-*555,727* PC **A02**/MF **A01**

**PAT-APPL-6-719 797**
Flow Through Bacteria Detection System.
PAT-APPL-6-719 797 **22**-*549,723* PC **A02**/MF **A01**

**PAT-APPL-6-719 798**
Ribbon Growing Method and Apparatus.
PAT-APPL-6-719 798 **24**-*555,254* PC **A02**/MF **A01**

**PAT-APPL-6-719 799**
Improved Fluid Flow Meter for Measuring the Rate of Fluid Flow in a Conduit.
PAT-APPL-6-719 799 **24**-*556,151* PC **A02**/MF **A01**

**PAT-APPL-6-720 126**
Robotic Order Picking.
PAT-APPL-6-720 126 **20**-*545,902* PC **A02**/MF **A01**

**PAT-APPL-6-720 936**
Very High Speed Lap with Negative Lift Effect.
PAT-APPL-6-720 936 **17**-*538,637* PC **A02**/MF **A01**

**PAT-APPL-6-720 937**
Very High Speed Lap with Positive Lift Effect.
PAT-APPL-6-720 937 **17**-*538,638* PC **A02**/MF **A01**

**PAT-APPL-6-721 096**
Optically Controlled Multi-Color Impact Printer.
PAT-APPL-6-721 096 **14**-*532,298* PC **A02**/MF **A01**

**PAT-APPL-6-721 833**
Optically Pumped Laser System Having Extracavity Pulse Smoother.
PAT-APPL-6-721 833 **17**-*539,331* PC **A02**/MF **A01**

**PAT-APPL-6-721 834**
Dielectric Resonator Stabilized Microstrip Oscillator.
PAT-APPL-6-721 834 **17**-*537,901* PC **A02**/MF **A01**

**PAT-APPL-6-721 836**
Brush and Commutator Segment Torquer Motor.
PAT-APPL-6-721 836 **20**-*545,235* PC **A02**/MF **A01**

**PAT-APPL-6-721 968**
Method of Measuring Spherical Aberration and Apparatus Therefor.
PAT-APPL-6-721 968 **17**-*539,352* PC **A02**/MF **A01**

**PAT-APPL-6-721 977**
Differentiating Spatial Light Modulator.
PAT-APPL-6-721 977 **20**-*546,521* PC **A02**/MF **A01**

**PAT-APPL-6-722 579**
Rusty Bolt Intermodulation Interference Reducer.
PAT-APPL-6-722 579 **22**-*550,024* PC **A02**/MF **A01**

**PAT-APPL-6-722 580**
Technique for the Reduction of Fading in Interferometers.
PAT-APPL-6-722 580 **24**-*556,680* PC **A02**/MF **A01**

**PAT-APPL-6-724 033**
Method and Apparatus for Sequential Fractionation.
PAT-APPL-6-724 033 **24**-*556,152* PC **A02**/MF **A01**

**PAT-APPL-6-724 714**
Wide-Band Phase Locked Loop Amplifier Apparatus.
PAT-APPL-6-724 714 **20**-*545,242* PC **A02**/MF **A01**

**PAT-APPL-6-724 719**
Carbon/Carbon Combustor External Insulation.
PAT-APPL-6-724 719 **20**-*546,017* PC **A02**/MF **A01**

**PAT-APPL-6-725 689**
Non-Backdriveable Free Wheeling Coupling.
PAT-APPL-6-725 689 **22**-*550,782* PC **A02**/MF **A01**

**PAT-APPL-6-725 710**
Sump Arrangement for Snorkel Intake.
PAT-APPL-6-725 710 **26**-*561,212* PC **A02**/MF **A01**

**PAT-APPL-6-725 714**
LDV(Lase Doppler Velocimeter) Multiplexer Interface.
PAT-APPL-6-725 714 **24**-*556,211* PC **A03**/MF **A01**

**PAT-APPL-6-725 720**
Membrane Processes for Separation of Organic Acids from Kraft Black Liquors.
PAT-APPL-6-725 720 **26**-*561,058* PC **A02**/MF **A01**

**PAT-APPL-6-725 726**
Method for Ultrasonic Bonding to Soft Microelectronic Substrates.
PAT-APPL-6-725 726 **22**-*550,751* PC **A02**/MF **A01**

**PAT-APPL-6-726 558**
Low Noise Polycrystalline Semiconductor Resistors by Hydrogen Passivation.
PAT-APPL-6-726 558 **20**-*545,891* PC **A02**/MF **A01**

**PAT-APPL-6-726 563**
Chemical Bonding Agent for Suppression of 'Rusty Bolt' intermodulation Interference.
PAT-APPL-6-726 563 **22**-*550,187* PC **A02**/MF **A01**

**PAT-APPL-6-726 872**
Total Internal Reflection Modulator/Deflector.
PAT-APPL-6-726 872 **22**-*551,334* PC **A02**/MF **A01**

**PAT-APPL-6-727 034**
Vibration-Free Raman Doppler Velocimeter.
PAT-APPL-6-727 034 **22**-*550,844* PC **A02**/MF **A01**

**PAT-APPL-6-727 035**
Temperature Sensitive Oscillator.
PAT-APPL-6-727 035 **24**-*555,591* PC **A02**/MF **A01**

**PAT-APPL-6-727 507**
Tunable Acousto-Optic Filter with Improved Spectral Resolution and Increased Aperture.
PAT-APPL-6-727 507 **22**-*551,335* PC **A02**/MF **A01**

**PAT-APPL-6-727 719**
Tone Calibrated Digital Radio Communication System.
PAT-APPL-6-727 719 **22**-*550,934* PC **A02**/MF **A01**

**PAT-APPL-6-727 931**
Magnetically Switched Power Supply Systems for Lasers.
PAT-APPL-6-727 931 **22**-*551,319* PC **A03**/MF **A01**

**PAT-APPL-6-729 206**
Vaccine Against Neisseria Meningitidis Group B Serotype 2 Invasive Disease.
PAT-APPL-6-729 206 **20**-*544,802* PC **A03**/MF **A01**

**PAT-APPL-6-729 388**
Improved Temperature Detection System for Use on Film Cooled Turbine Airfoils.
PAT-APPL-6-729 388 **22**-*551,841* PC **A02**/MF **A01**

**PAT-APPL-6-729 389**
Hermetic Chip Carrier Compliant Soldering Pads.
PAT-APPL-6-729 389 **20**-*545,243* PC **A02**/MF **A01**

**PAT-APPL-6-729 704**
Fully Redundant Mechanical Release Actuator.
PAT-APPL-6-729 704 **22**-*551,871* PC **A02**/MF **A01**

**PAT-APPL-6-729 725**
Low Temperature Inflator Apparatus.
PAT-APPL-6-729 725 **24**-*555,101* PC **A02**/MF **A01**

**PAT-APPL-6-729 761**
High Current Fiber Brush Collector and Method for Making Same.
PAT-APPL-6-729 761 **24**-*555,576* PC **A02**/MF **A01**

**PAT-APPL-6-729 766**
Double Window Viewing Chamber Assembly.
PAT-APPL-6-729 766 **22**-*550,845* PC **A02**/MF **A01**

**PAT-APPL-6-729 767**
Lightweight Piston.
PAT-APPL-6-729 767 **22**-*551,844* PC **A02**/MF **A01**

**PAT-APPL-6-729 768**
Generation of Intense Negative Ion Beams.
PAT-APPL-6-729 768 **22**-*551,504* PC **A02**/MF **A01**

**PAT-APPL-6-729 849**
Passivation of Steel with Aqueous Amine Solutions.
PAT-APPL-6-729 849 **22**-*550,474* PC **A02**/MF **A01**

**PAT-APPL-6-730 125**
Photosensitive Cartridge for Weapons Zeroing and Marksmanship Training.
PAT-APPL-6-730 125 **22**-*551,222* PC **A02**/MF **A01**

**PAT-APPL-6-731 223**
Interdigital Schottky Barrier Capacitor Apparatus.
PAT-APPL-6-731 223 **23**-*552,762* PC **A02**/MF **A01**

**PAT-APPL-6-731 646**
Reducing Grating Lobes Due to Subarray Amplitude Tapering.
PAT-APPL-6-731 646 **20**-*547,012* PC **A04**/MF **A01**

**PAT-APPL-6-731 700**
Original Method of Drydocking Ships.
PAT-APPL-6-731 700 **22**-*550,794* PC **A02**/MF **A01**

**PAT-APPL-6-732 120**
Microwave Bandstop Filter.
PAT-APPL-6-732 120 **17**-*538,016* PC **A07**/MF **A01**

**PAT-APPL-6-732 320**
Apparatus to Improve the Operation of a Continuously Moving Harvester for Tree Crops.
PAT-APPL-6-732 320 **23**-*551,956* PC **A03**/MF **A01**

**PAT-APPL-6-732 321**
Apparatus for Mounting a Field Emission Cathode.
PAT-APPL-6-732 321 **22**-*550,188* PC **A02**/MF **A01**

**PAT-APPL-6-732 327**
Hardward Interpreter for Finite State Automata.
PAT-APPL-6-732 327 **19**-*543,776* PC **A05**

**PAT-APPL-6-732 330**
High Output Programmable Signal Current Source for Low Output Impedance Applications.
PAT-APPL-6-732 330 **22**-*550,295* PC **A02**/MF **A01**

**PAT-APPL-6-732 335**
Forward Field Autotransfusion Device.
PAT-APPL-6-732 335 **22**-*549,891* PC **A02**/MF **A01**

**PAT-APPL-6-733 836**
Integrated Dual Beam Line Scanning Antenna and Negative Resistance Diode Oscillator.
PAT-APPL-6-733 836 **17**-*538,017* PC **A03**/MF **A01**

**PAT-APPL-6-733 991**
Maintenance Port System.
PAT-APPL-6-733 991 **20**-*545,222* PC **A06**/MF **A01**

**PAT-APPL-6-734 647**
Boll Weevil Trap.
PAT-APPL-6-734 647 **23**-*552,301* PC **A02**/MF **A01**

**PAT-APPL-6-734 986**
Time Resolved Extended X-Ray Absorption Fine Structure Spectrometer.
PAT-APPL-6-734 986 **26**-*561,286* PC **A02**/MF **A01**

**PAT-APPL-6-737 377**
Rotor Blade Test Apparatus.
PAT-APPL-6-737 377 **20**-*545,990* PC **A02**/MF **A01**

**PAT-APPL-6-737 458**
Competitive ELISA (Enzyme-Linked Immunosorbent Assay) for the Detection of Antibodies.
PAT-APPL-6-737 458 **21**-*547,536* PC **A02**/MF **A01**

**PAT-APPL-6-737 627**
Microwave SAW (Surface Acoustic Wave) Monochromator.
PAT-APPL-6-737 627 **18**-*540,560* PC **A07**/MF **A01**

**PAT-APPL-6-737 753**
Gas Recirculator for Acyclic Machines.
PAT-APPL-6-737 753 **26**-*560,859* PC **A02**/MF **A01**

**PAT-APPL-6-738 707**
Control of Eastern Black Nightshade with a Fungal Pathogen.
PAT-APPL-6-738 707 **20**-*544,530* PC **A02**/MF **A01**

**PAT-APPL-6-738 815**
Oil-Absorbent Cellulosic Derivatives.
PAT-APPL-6-738 815 **20**-*545,003* PC **A02**/MF **A01**

**PAT-APPL-6-738 817**
Photoionization Technique for Growth of Metallic Films.
PAT-APPL-6-738 817 **22**-*550,752* PC **A02**/MF **A01**

**PAT-APPL-6-739 355**
Moldable Electrically Conductive Polymer Compositions.
PAT-APPL-6-739 355 **26**-*560,524* PC **A02**/MF **A01**

**PAT-APPL-6-739 413**
Instantaneous Frequency Measurement Receiver with Digital Processing.
PAT-APPL-6-739 413 **22**-*550,846* PC **A02**/MF **A01**

**PAT-APPL-6-739 788**
Alignment and Assembly Tool for Very Large Diameter Cylinders.
PAT-APPL-6-739 788 **22**-*550,783* PC **A02**/MF **A01**

**PAT-APPL-6-739 789**
Jet Pump-Drive System for Heat Removal.
PAT-APPL-6-739 789 **22**-*551,209* PC **A02**/MF **A01**

**PAT-APPL-6-739 792**
Electro-Expulsive Separation System.
PAT-APPL-6-739 792 **22**-*549,319* PC **A04**/MF **A01**

**PAT-APPL-6-740 107**
Electrostatic Filtration of N2O4 for Removal of Solid and Vapor Contaminants.
PAT-APPL-6-740 107 **26**-*561,672* PC **A02**/MF **A01**

**PAT-APPL-6-740 115**
Suspension Method of Impregnating Active Material into Composite Nickel Plaque.
PAT-APPL-6-740 115 **24**-*555,476* PC **A02**/MF **A01**

**PAT-APPL-6-740 171**
Medical Apparatus.
PAT-APPL-6-740 171 **21**-*547,671* PC **A02**/MF **A01**

**PAT-APPL-6-740 610**
Suture Needle Holder.
PAT-APPL-6-740 610 **22**-*549,892* PC **A02**/MF **A01**

**PAT-APPL-6-741 600**
Isolated, Soluble Immunogen Against 'Schistosoma mansoni' and a Method of Vaccination Employing Same.
PAT-APPL-6-741 600 **22**-*549,820* PC **A03**/MF **A01**

**PAT-APPL-6-741 644**
Arithmetic Pipeline for Image Processing.
PAT-APPL-6-741 644 **23**-*552,827* PC **A05**/MF **A01**

**PAT-APPL-6-741 784**
Liquid Phase Epitaxy (LPE) of Silicon Carbide.
PAT-APPL-6-741 784 **24**-*556,609* PC **A02**/MF **A01**

**PAT-APPL-6-741 940**
Control for Dot Matrix Printers Operating in Harsh Environment.
PAT-APPL-6-741 940 **24**-*555,543* PC **A06**/MF **A01**

**PAT-APPL-6-742 152**
Dual Optical Mechanical Position Tracker.
PAT-APPL-6-742 152 **20**-*546,013* PC **A02**/MF **A01**

**PAT-APPL-6-742 485**
Method for Predicting the Acceptability of Coarsely Ground Beef.
PAT-APPL-6-742 485 **22**-*549,853* PC **A02**/MF **A01**

**PAT-APPL-6-742 825**
Signal Analysis Receiver with Acousto-Optic Delay Lines.
PAT-APPL-6-742 825 **22**-*550,296* PC **A02**/MF **A01**

**PAT-APPL-6-743 570**
Human Monocytes Cultured in Suspension in Serum-Free Medium.
PAT-APPL-6-743 570 **22**-*549,744* PC **A03**/MF **A01**

**PAT-APPL-6-743 853**
Harmonic Distortion Reduction Technique for Data Acquisition.
PAT-APPL-6-743 853 **23**-*552,828* PC **A02**/MF **A01**

**PAT-APPL-6-744 084**
Expendable Bathythermograph for Measuring Light Attenuation and Temperature Below the Ocean Surface.
PAT-APPL-6-744 084 **26**-*560,645* PC **A02**/MF **A01**

**PAT-APPL-6-744 344**
Rechargeable Lithium-Organic Electrolyte Battery Having Overcharge Protection and Method of Providing Overcharge Protection for a Lithium-Organic Electrolyte Battery.
PAT-APPL-6-744 344 **20**-*545,454* PC **A02**/MF **A01**

**PAT-APPL-6-744 593**
Liquid Crystal Non-Destructive Inspection of Metals.
PAT-APPL-6-744 593 **23**-*553,684* PC **A02**/MF **A01**

**PAT-APPL-6-745 738**
Nozzle for Self-Contained Cutting Torches.
PAT-APPL-6-745 738 **26**-*561,205* PC **A02**/MF **A01**

**PAT-APPL-6-746 617**
Termination Load Carrying Device.
PAT-APPL-6-746 617 **23**-*553,568* PC **A02**/MF **A01**

**PAT-APPL-6-746 704**
Optoelectronic Integrated Circuit Multiplier.
PAT-APPL-6-746 704 **26**-*561,721* PC **A03**/MF **A01**

**PAT-APPL-6-747 220**
Variable Temperature Trap.
PAT-APPL-6-747 220 **26**-*561,287* PC **A02**/MF **A01**

**PAT-APPL-6-747 741**
Metallographic Preparation of Particulate Filled Aluminum Metal Matrix Composite Material.
PAT-APPL-6-747 741 **26**-*560,912* PC **A02**/MF **A01**

**PAT-APPL-6-748 094**
Latch for Detachably Securing Electronic Cards Along Orthogonal Loading Axes.
PAT-APPL-6-748 094 **26**-*561,168* PC **A02**/MF **A01**

**PAT-APPL-6-748 207**
Cold Plate for Laboratory Use.
PAT-APPL-6-748 207 **24**-*554,944* PC **A02**/MF **A01**

**PAT-APPL-6-748 871**
Method of Preparing Tetrahydrofuran.
PAT-APPL-6-748 871 **24**-*555,259* PC **A02**/MF **A01**

**PAT-APPL-6-749 038**
Wideband SAW (Surface Acoustic Wave) Channellizer Using Slanted Array Input Transducer.
AD-D011 857/0 **25**-*558,243* Not available NTIS

**PAT-APPL-6-749 238**
TiW Diffusion Barrier for AuZn Ohmic Contacts to P-Type InP.
PAT-APPL-6-749 238 **24**-*555,477* PC **A03**/MF **A01**

**PAT-APPL-6-749 333**
Submerged Ram Air Inlets for ECM (Electronic Countermeasures) Pods.
PAT-APPL-6-749 333 **23**-*553,789* PC **A02**/MF **A01**

**PAT-APPL-6-749 335**
Captive Volume Device as a Safe Life Monitor.
PAT-APPL-6-749 335 **23**-*554,520* PC **A02**/MF **A01**

**PAT-APPL-6-749 340**
Fiber Optics as an Angular Sensor.
PAT-APPL-6-749 340 **26**-*561,288* PC **A02**/MF **A01**

**PAT-APPL-6-749 368**
Modulation Doped GaAs/AlGaAs Field Effect Transistor.
PAT-APPL-6-749 368 **23**-*552,763* PC **A02**/MF **A01**

**PAT-APPL-6-749 442**
Purification of Uromodulin.
PAT-APPL-6-749 442 **23**-*552,224* PC **A02**/MF **A01**

**PAT-APPL-6-749 597**
Cathode Including a Non Fluorinated Linear Chain Polymer as the Binder, Method of Making the Cathode, and Lithium Electrochemical Cell Containing the Cathode.
PAT-APPL-6-749 597 **23**-*553,110* PC **A02**/MF **A01**

**PAT-APPL-6-749 681**
Enhancement of Specific Antibody Production with Anti-IgD Antibodies.
PAT-APPL-6-749 681 **24**-*555,045* PC **A02**/MF **A01**

**PAT-APPL-6-749 705**
Epoxy Phthalonitrile Polymers.
PAT-APPL-6-749 705 **24**-*555,797* PC **A02**/MF **A01**

**PAT-APPL-6-749 905**
Process to Impart Smooth-Dry and Flame Retardant Properties to Synthetic-Cellulosic Blended Fabrics.
PAT-APPL-6-749 905 **24**-*555,732* PC **A02**/MF **A01**

**PAT-APPL-6-749 906**
Preparation of Pellets Containing Fungi and Nutrient for Control of Soilborne Plant Pathogens.
PAT-APPL-6-749 906 **24**-*555,091* PC **A02**/MF **A01**

**PAT-APPL-6-750 218**
Method for Melt-Coating a Surface.
PAT-APPL-6-750 218 **26**-*561,184* PC **A02**/MF **A01**

**PAT-APPL-6-750 611**
Large Memory Acousto-Optically Addressed Pattern Recognition.
PAT-APPL-6-750 611 **26**-*560,698* PC **A02**/MF **A01**

**PAT-APPL-6-750 630**
Integrated Wavelength Demultiplexer.
PAT-APPL-6-750 630 **26**-*560,730* PC **A03**/MF **A01**

**PAT-APPL-6-751 118**
Acoustic Scintillation Liquid Flow Measurement.
PAT-APPL-6-751 118 **26**-*561,289* PC **A03**/MF **A01**

**PAT-APPL-6-751 339**
Routing Method in Computer Aided Customization of a Two Level Automated Universal Array.
PAT-APPL-6-751 339 **23**-*552,881* PC **A04**/MF **A01**

**PAT-APPL-6-751 346**
Oil Content Monitor/Control System and Method.
PAT-APPL-6-751 346 **26**-*561,059* PC **A02**/MF **A01**

**PAT-APPL-6-751 347**
Oil/Water Disperser Device for Use in an Oil Content Monitor/Control System.
PAT-APPL-6-751 347 **26**-*561,060* PC **A02**/MF **A01**

**PAT-APPL-6-751 393**
Guided Trephine Samples for Skeletal Bone Studies.
PAT-APPL-6-751 393 **25**-*557,749* PC **A03**/MF **A01**

**PAT-APPL-6-751 399**
Heat Pipe Wick.
PAT-APPL-6-751 399 **25**-*558,603* PC **A02**/MF **A01**

**PAT-APPL-6-751 400**
One-Step Loading Adapter.
PAT-APPL-6-751 400 **25**-*558,742* PC **A02**/MF **A01**

**PAT-APPL-6-752 767**
Transient Test of Suspension Electronics for Gyroscope.
PAT-APPL-6-752 767 **25**-*558,897* PC **A03**/MF **A01**

**PAT-APPL-6-752 867**
Generation of a Modulated IREB (Intense Relativistic Electron Beam) with a Frequency Tunable by a Magnetic Field.
PAT-APPL-6-752 867 **24**-*556,777* PC **A02**/MF **A01**

**PAT-APPL-6-753 462**
Length Adjustable Strut Link with Low Aerodynamic Drag.
PAT-APPL-6-753 462 **25**-*558,694* PC **A02**/MF **A01**

**PAT-APPL-6-757 396**
Quarantine System for Papaya.
PAT-APPL-6-757 396 **26**-*560,351* PC **A04**/MF **A01**

**PAT-APPL-6-757 994**
Resonant Cavities for Stall Recovery in Gas Turbine Engines.
PAT-APPL-6-757 994 **26**-*562,050* PC **A02**/MF **A01**

**PAT-APPL-6-758 919**
Pulsed Digital Multiplexed Laser Generator.
PAT-APPL-6-758 919 **25**-*558,882* PC **A02**/MF **A01**

**PAT-APPL-6-758 928**
Buffer Diverter System.
PAT-APPL-6-758 928 **26**-*561,677* PC **A02**/MF **A01**

**PAT-APPL-6-759 677**
Medical Applications of Functionalized Congeners of Adenosine Receptor Drugs.
PAT-APPL-6-759 677 **24**-*555,260* PC **A02**/MF **A01**

**PAT-APPL-6-761 256**
Multiple Parallel RF Excited CO2 Lasers
PAT-APPL-6-761 256 **26**-*561,713* PC **A02**/MF **A01**

**PAT-APPL-6-761 257**
Optical Radar Transceiver Control Apparatus.
PAT-APPL-6-761 257 **26**-*561,351* PC **A02**/MF **A01**

**PAT-APPL-6-762 740**
Humidity Sensing and Measurement Employing Halogenated Organic Polymer Membranes.
PAT-APPL-6-762 740 **26**-*561,290* PC **A03**/MF **A01**

**PAT-APPL-6-763 160**
Improved Chemical Sensor Matrix.
PAT-APPL-6-763 160 **26**-*561,313* PC **A02**/MF **A01**

**PAT-APPL-6-763 161**
Slot Line Tunable Bandpass Filter.
PAT-APPL-6-763 161 **26**-*560,731* PC **A03**/MF **A01**

**PAT-APPL-6-763 164**
Surface Acoustic Wave Device for Sensing the Presence of Chemical Agents.
PAT-APPL-6-763 164 **26**-*561,314* PC **A02**/MF **A01**

**PAT-APPL-6-763 362**
Automated Calibration Technique for Non-Field Perturbing (Electrically Small) Electromagnetic Field Sensors.
PAT-APPL-6-763 362 **26**-*561,291* PC **A02**/MF **A01**

**PAT-APPL-6-763 860**
Cable Stripping Apparatus.
PAT-APPL-6-763 860 **26**-*561,206* PC **A02**/MF **A01**

**PAT-APPL-6-766 371**
Analog-to-Digital Converter.
PAT-APPL-6-766 371 **26**-*560,699* PC **A02**/MF **A01**

**PAT-APPL-6-768 271**
Cathode for Use in High Energy Primary Thionyl Chloride Cell Systems and High Energy Primary Thionyl Chloride Cell Systems Including the Cathode.
PAT-APPL-6-768 271 **26**-*560,876* PC **A02**/MF **A01**

**PAT-APPL-6-769 074**
Vaccine against Rotavirus Diseases.
PAT-APPL-6-769 074 **26**-*560,326* PC **A02**/MF **A01**

**PAT-APPL-329 262**
ECM Multiple-Target Retrodirective Antenna.
PATENT-4 472 719 **11**-*524,916* Not available NTIS

**PAT-APPL-502 717**
Polaris Guidance System.
PATENT-4 470 562 **03**-*506,910* Not available NTIS

**PAT-APPL-508 789**
Recrystallization of Hexanitrostilbene from Dimethylsulfoxide and Methanol.
PAT-APPL-508 789 **25**-*559,367* PC **A02**/MF **A01**

**PAT-APPL-561 369**
Portable Reflectance Spectrometer.
PATENT-4 043 668 **02**-*504,489* Not available NTIS

**PAT-APPL-580 395**
Adaptive MTI (Moving Target Indicator) System.
PATENT-4 459 700 **03**-*506,920* Not available NTIS

**PAT-APPL-580 510**
Adaptive Preprocessing System.
PATENT-4 464 768 **03**-*506,126* Not available NTIS

**PAT-APPL-631 936**
Apparatus and Circuits for Two-Color Printing in Electronic Impact Printers.
PATENT-4 073 371 **14**-*532,299* Not available NTIS

**PAT-APPL-649 327**
Processing Circuit with Asymmetry Corrector and Convolutional Encoder for Digital Data.
N85-20249/7 **14**-*532,386* PC **A02**/MF **A01**

**PAT-APPL-667 685**
Passive Arm Retention Curtain.
PAT-APPL-667 685 **26**-*559,998* PC **A02**/MF **A01**

**PAT-APPL-891 255**
Manifold Insulated with Knitted Impregnated Sleeve.
PATENT-4 239 063 **01**-*502,748* Not available NTIS

**PAT-APPL-958 920**
Precision Digital Sampler.
PATENT-4 443 766 **01**-*501,383* Not available NTIS

**PAT-APPL-971 459**
Finlet Injector.
PATENT-4 220 297 **01**-*502,658* Not available NTIS

**PAT-APPL-972 303**
Gyrodynamic Fixture for Measuring Thrust Force Components.
PATENT-4 214 156 **01**-*502,754* Not available NTIS

**PATENT-4 043 668**
Portable Reflectance Spectrometer.
PATENT-4 043 668 **02**-*504,489* Not available NTIS

**PATENT-4 073 371**
Apparatus and Circuits for Two-Color Printing in Electronic Impact Printers.
PATENT-4 073 371 **14**-*532,299* Not available NTIS

**PATENT-4 214 156**
Gyrodynamic Fixture for Measuring Thrust Force Components.
PATENT-4 214 156 **01**-*502,754* Not available NTIS

**PATENT-4 220 297**
Finlet Injector.
PATENT-4 220 297 **01**-*502,658* Not available NTIS

**PATENT-4 239 063**

Manifold Insulated with Knitted Impregnated Sleeve.
PATENT-4 239 063 **01**-*502,748* Not available NTIS

**PATENT-4 280 767**

Printing Apparatus.
PATENT-4 280 767 **14**-*532,300* Not available NTIS

**PATENT-4 334 812**

Adjustable Container Bulkhead Assembly.
PATENT-4 334 812 **03**-*506,719* Not available NTIS

**PATENT-4 344 010**

Acceleration Resistant Combination of Opposite-Handed Piezoelectric Crystals.
PATENT-4 344 010 **14**-*531,649* Not available NTIS

**PATENT-4 357 620**

Liquid-Phase Epitaxial Growth of CdTe on HgCdTe.
PATENT-4 357 620 **08**-*517,739* Not available NTIS

**PATENT-4 365 182**

Method of Fabricating Acceleration Resistant Crystal Resonators and Acceleration Resistant Crystal Resonators so Formed.
PATENT-4 365 182 **14**-*531,650* Not available NTIS

**PATENT-4 368 194**

Pharmacologically Active Amine Boranes.
PATENT-4 368 194 **02**-*503,502* Not available NTIS

**PATENT-4 387 655**

Method for Controlled Burnout of Abandoned Coal Mines and Waste Banks.
PATENT-4 387 655 **07**-*514,923* Not available NTIS

**PATENT-4 395 148**

Positioning of a Multicolor Ribbon.
PATENT-4 395 148 **14**-*532,301* Not available NTIS

**PATENT-4 395 540**

Thermoset-Thermoplastic Aromatic Polyamide Containing n-Propargyl Groups.
PATENT-4 395 540 **13**-*529,519* Not available NTIS

**PATENT-4 404 244**

System for Rapid Repair of Damaged Airfield Runways.
PATENT-4 404 244 **03**-*505,309* Not available NTIS

**PATENT-4 410 822**

Acceleration-Resistant Crystal Resonator.
PATENT-4 410 822 **14**-*531,651* Not available NTIS

**PATENT-4 410 902**

Planar Doped Barrier Semiconductor Device.
PATENT-4 410 902 **12**-*526,883* Not available NTIS

**PATENT-4 416 111**

Air Modulation Apparatus.
PATENT-4 416 111 **02**-*505,222* Not available NTIS

**PATENT-4 423 768**

Piezoelectric Polymer Heat Exchanger.
PAT-APPL-6-370 027 **01**-*501,702* PC **A02**/MF **A01**

**PATENT-4 426 168**

Serial Impact Printer for Multicolor Printing.
PATENT-4 426 168 **14**-*532,302* Not available NTIS

**PATENT-4 431 807**

4-Methyl-5-(Unsubstituted and Substituted Phenoxy)-6-Methoxy-8-(Aminoalkylamino)Quinolines.
PATENT-4 431 807 **03**-*505,755* Not available NTIS

**PATENT-4 434 168**

Narcotic Antagonists in the Therapy of Shock.
PATENT-4 434 168 **01**-*500,821* Not available NTIS

**PATENT-4 439 012**

Dual-Secondary Mirror Cassegrain Optical System.
PATENT-4 439 012 **01**-*502,420* Not available NTIS

**PATENT-4 440 687**

Azido Nitramino Ethers.
PATENT-4 440 687 **01**-*502,757* Not available NTIS

**PATENT-4 440 771**

2-Acetyl Quinoline Thiosemicarbazones Useful in Treatment of Gonorrhea, Malaria or Bacterial Infections.
PATENT-4 440 771 **01**-*500,822* Not available NTIS

**PATENT-4 441 312**

Combined Cycle Ramjet Engine.
PATENT-4 441 312 **01**-*502,755* Not available NTIS

**PATENT-4 441 942**

Embedment System for Ultrahigh-Burning Rate Propellants of Solid Propulsion Subsystems.
PATENT-4 441 942 **01**-*502,758* Not available NTIS

**PATENT-4 442 293**

Di-Acetylenyl-Substituted 2-Phenylbenzothiazoles.
PATENT-4 442 293 **01**-*500,956* Not available NTIS

**PATENT-4 442 453**

Photo-Reconnaissance System.
PATENT-4 442 453 **01**-*502,019* Not available NTIS

**PATENT-4 442 514**

Security System Signal Processor.
PATENT-4 442 514 **01**-*501,918* Not available NTIS

**PATENT-4 442 523**

High Power Metal Vapor Laser.
PATENT-4 442 523 **01**-*502,397* Not available NTIS

**PATENT-4 442 776**

Detonator Block.
PATENT-4 442 776 **01**-*502,322* Not available NTIS

**PATENT-4 443 059**

High Energy Laser Mirror.
PATENT-4 443 059 **01**-*502,398* Not available NTIS

**PATENT-4 443 349**

Fluorinated Aliphatic Polyalkylether Lubricant with an Additive Composed of an Aromatic Phosphine Substituted with Perfluoroalkylether Groups.
PATENT-4 443 349 **01**-*501,568* Not available NTIS

**PATENT-4 443 766**

Precision Digital Sampler.
PATENT-4 443 766 **01**-*501,383* Not available NTIS

**PATENT-4 444 119**

Fast Response Impulse Generator.
PATENT-4 444 119 **01**-*502,063* Not available NTIS

**PATENT-4 446 199**

Overlay Metallic-Cermet Alloy Coating Systems.
PATENT-4 446 199 **02**-*504,042* Not available NTIS

**PATENT-4 447 395**

Sampling Device.
PATENT-4 447 395 **01**-*500,791* Not available NTIS

**PATENT-4 447 427**

Method for Treating Bacterial Infections with 2-Acetyl- and 2-Propionylpyridine Thiosemicarbazones.
PATENT-4 447 427 **01**-*500,823* Not available NTIS

**PATENT-4 447 743**

High Pressure Liquid Level Monitor.
PATENT-4 447 743 **06**-*513,924* Not available NTIS

**PATENT-4 448 000**

High Temperature Ultra-High Vacuum Infrared Window Seal.
PATENT-4 448 000 **03**-*507,329* Not available NTIS

**PATENT-4 449 105**

Passive Maser Using Timesharing for Control of the Cavity and Control of the Oscillator on the Line of Stimulated Emission.
PATENT-4 449 105 **03**-*507,330* Not available NTIS

**PATENT-4 449 370**

Diesel Engine Catalytic Combustor System.
PATENT-4 449 370 **02**-*505,228* Not available NTIS

**PATENT-4 451 755**

Acceleration Sensitivity Reduction Method.
PATENT-4 451 755 **14**-*531,652* Not available NTIS

**PATENT-4 452 533**

External Cavity Diode Laser Sensor.
PATENT-4 452 533 **03**-*506,811* Not available NTIS

**PATENT-4 452 624**

Method for Bonding Insulator to Insulator.
PATENT-4 452 624 **03**-*506,364* Not available NTIS

**PATENT-4 452 998**

Fluorinated Diacrylic Esters.
PATENT-4 452 998 **03**-*506,365* Not available NTIS

**PATENT-4 453 141**

Suppression of Vibration Effects on Piezoelectric Crystal Resonators.
PATENT-4 453 141 **14**-*531,653* Not available NTIS

**PATENT-4 453 238**

Apparatus and Method for Determining the Phase Sensitivity of Hydrophones.
PATENT-4 453 238 **03**-*507,255* Not available NTIS

**PATENT-4 453 768**

Portable Reclining Examination Chair.
PATENT-4 453 768 **01**-*500,792* Not available NTIS

**PATENT-4 456 086**

Integrated Wheelchair and Ambulator.
PATENT-4 456 086 **10**-*521,590* Not available NTIS

**PATENT-4 456 583**

Preparation of Simple Nitronium Salts.
PATENT-4 456 583 **03**-*505,818* Not available NTIS

**PATENT-4 456 889**

Dual-Gate MESFET Variable Gain Constant Output Power Amplifier.
PATENT-4 456 889 **03**-*506,225* Not available NTIS

**PATENT-4 459 470**

Glass Heating Panels and Method for Preparing the Same from Architectural Reflective Glass.
PATENT-4 459 470 **02**-*504,245* Not available NTIS

**PATENT-4 459 700**

Adaptive MTI (Moving Target Indicator) System.
PATENT-4 459 700 **03**-*506,920* Not available NTIS

**PATENT-4 459 935**

Phanton Computer Gating System.
PATENT-4 459 935 **10**-*522,574* Not available NTIS

**PATENT-4 461 167**

Psychrometer for Measuring the Humidity of a Gas Flow.
PATENT-4 461 167 **01**-*501,988* Not available NTIS

**PATENT-4 461 680**

Process and Bath for Electroplating Nickel-Chromium Alloys.
PATENT-4 461 680 **02**-*504,395* Not available NTIS

**PATENT-4 462 256**

Lightweight, Broadband Rayleigh Wave Transducer.
PATENT-4 462 256 **03**-*506,071* Not available NTIS

**PATENT-4 462 330**

Current Stabilized Underwater Platform.
PATENT-4 462 330 **11**-*524,751* Not available NTIS

**PATENT-4 462 871**

Epitaxial Thinning Process.
PATENT-4 462 871 **03**-*506,749* Not available NTIS

**PATENT-4 463 264**

Lightweight Neutron Detector.
PATENT-4 463 264 **11**-*525,036* Not available NTIS

**PATENT-4 463 357**

Method and Apparatus for Calibrating the Ionosphere and Application to Surveillance of Geophysical Events.
PATENT-4 463 357 **15**-*532,990* Not available NTIS

**PATENT-4 463 465**

Fire Blocking Systems for Aircraft Seat Cushions.
PATENT-4 463 465 **02**-*502,798* Not available NTIS

**PATENT-4 463 496**

Deep Submergence Vehicle (DSV) Lightweight Cable Cutter.
PATENT-4 463 496 **10**-*522,416* Not available NTIS

**PATENT-4 463 606**

High Temperature Acoustic Levitator.
PATENT-4 463 606 **15**-*534,261* Not available NTIS

**PATENT-4 463 678**

Hybrid Shaped-Charge/Kinetic/Energy Penetrator.
PATENT-4 463 678 **03**-*507,241* Not available NTIS

**PATENT-4 463 680**

Method of Generating Single-Event, Unconfined Fuel-Air Detonation.
PATENT-4 463 680 **01**-*502,323* Not available NTIS

**PATENT-4 464 065**

Fast Granular Superconducting Bolometer.
PATENT-4 464 065 **03**-*506,812* Not available NTIS

**PATENT-4 464 702**

EMI (Electromagnetic Interference) Filter Capacitor Unit.
PATENT-4 464 702 **04**-*509,187* Not available NTIS

**PATENT-4 464 710**

Simplified DC to DC Converter.
PATENT-4 464 710 **02**-*503,860* Not available NTIS

**PATENT-4 464 739**

Sampled Towed Array Telemetry.
PATENT-4 464 739 **03**-*506,871* Not available NTIS

**PATENT-4 464 768**

Adaptive Preprocessing System.
PATENT-4 464 768 **03**-*506,126* Not available NTIS

**PATENT-4 464 972**

Lateral Support System for Canister-Launched Missile.
PATENT-4 464 972 **03**-*506,869* Not available NTIS

**PATENT-4 465 068**

Metallic Aid and Technique in Fitting Voice Prosthesis.
PATENT-4 465 068 **03**-*505,741* Not available NTIS

**PATENT-4 465 250**

Windblast Leg Protector Assembly.
PATENT-4 465 250 **03**-*505,759* Not available NTIS

**PATENT-4 465 253**

Flexible Line Support Assembly.
PATENT-4 465 253 **04**-*509,739* Not available NTIS

**PATENT-4 465 332**

Holographic Directional Coupler for Fiber Optic Systems.
PATENT-4 465 332 **03**-*507,351* Not available NTIS

**PATENT-4 465 347**

Helmet Mounted Telescope.
PATENT-4 465 347 **03**-*507,352* Not available NTIS

**PATENT-4 465 372**

Turbulence Measurement Interferometer Apparatus.
PATENT-4 465 372 **03**-*506,813* Not available NTIS

**PATENT-4 465 392**

Thermally Isolated Structural Support Link.
PATENT-4 465 392 **03**-*506,616* Not available NTIS

**PATENT-4 465 940**

Electro-Optical Target Detection.
PATENT-4 465 940 **03**-*506,906* Not available NTIS

**PATENT-4 465 953**

Rippled-Field Magnetron Apparatus.
PATENT-4 465 953 **03**-*506,072* Not available NTIS

**PATENT-4 465 985**

Hardwire Missile Receiver Coupler.
PATENT-4 465 985 **03**-*506,226* Not available NTIS

**PATENT-4 465 988**

Slow Wave Circuit with Shaped Dielectric Substrate.
PATENT-4 465 988 **04**-*509,188* Not available NTIS

**PATENT-4 466 003**

Compact Wideband Multiple Conductor Monopole Antenna.

PATENT-4 466 003 **03**-*506,227* Not available NTIS

**PATENT-4 466 100**
Delta Wing Nozzle Assembly for Chemical Lasers.
PATENT-4 466 100 **04**-*510,216* Not available NTIS

**PATENT-4 466 242**
Ring-Cusp Ion Thruster with Shell Anode.
PATENT-4 466 242 **15**-*535,147* Not available NTIS

**PATENT-4 466 662**
Powered Articulated Headrest System.
PATENT-4 466 662 **03**-*505,304* Not available NTIS

**PATENT-4 466 667**
Longwall Shearer Tracking System.
PATENT-4 466 667 **02**-*503,714* Not available NTIS

**PATENT-4 466 923**
Supercritical CO2 Extraction of Lipids from Lipid-Containing Materials.
PATENT-4 466 923 **01**-*501,080* Not available NTIS

**PATENT-4 467 186**
Mirror Actuator Control System.
PATENT-4 467 186 **03**-*506,913* Not available NTIS

**PATENT-4 467 429**
Aircraft Thrust Control Scheme for Terrain Following System.
PATENT-4 467 429 **04**-*507,941* Not available NTIS

**PATENT-4 467 474**
Halogen Mass Flow Rate Detection System.
PATENT-4 467 474 **04**-*510,217* Not available NTIS

**PATENT-4 468 346**
Monoclonal Antibodies to Porcine Immunoglobulins.
PATENT-4 468 346 **01**-*500,666* Not available NTIS

**PATENT-4 468 383**
Dimeric Enkephalins.
PATENT-4 468 383 **02**-*503,425* Not available NTIS

**PATENT-4 468 466**
Silver Stains for Protein in Gels-A Modified Procedure.
PATENT-4 468 466 **01**-*501,081* Not available NTIS

**PATENT-4 468 624**
Programmable Synchronous Digital Delay Line.
PATENT-4 468 624 **03**-*506,073* Not available NTIS

**PATENT-4 468 635**
Transmission Line Biased Coherent Array of Josephson Oscillators.
PATENT-4 468 635 **03**-*506,228* Not available NTIS

**PATENT-4 468 760**
Directional Line-Hydrophone Array Calibrator.
PATENT-4 468 760 **03**-*506,872* Not available NTIS

**PATENT-4 468 766**
Optical RF Downconverter.
PATENT-4 468 766 **03**-*507,353* Not available NTIS

**PATENT-4 468 794**
Digital Coherent Detector.
PATENT-4 468 794 **10**-*522,007* Not available NTIS

**PATENT-4 468 851**
Process for Making a Heterojunction Source-Drain Insulated Gate Field-Effect Transistors Utilizing Diffusion to Form the Lattice.
PATENT-4 468 851 **11**-*524,211* Not available NTIS

**PATENT-4 468 973**
Remote Sequential Gas Sampler for Blasting Areas.
PATENT-4 468 973 **01**-*501,989* Not available NTIS

**PATENT-4 469 399**
Method of Making an Undersea, High Pressure Bulkhead Penetrator for Use with Fiber Optic Cables.
PATENT-4 469 399 **11**-*524,752* Not available NTIS

**PATENT-4 469 443**
Atmospheric Transmissometer.
PATENT-4 469 443 **11**-*524,815* Not available NTIS

**PATENT-4 469 536**
Alloys and Method of Making.
PATENT-4 469 536 **03**-*506,444* Not available NTIS

**PATENT-4 469 552**
Process and Apparatus for Growing a Crystal Ribbon.
PATENT-4 469 552 **03**-*505,813* Not available NTIS

**PATENT-4 469 942**
Means and Method for Calibrating a Photon Detector Utilizing Electron-Photon Coincidence.
PATENT-4 469 942 **02**-*504,574* Not available NTIS

**PATENT-4 469 961**
Fast Switching Driver for Inductive Load, Such as a Phase Shifter.
PATENT-4 469 961 **03**-*506,921* Not available NTIS

**PATENT-4 469 977**
Superlattice Ultrasonic Wave Generator.
PATENT-4 469 977 **03**-*507,256* Not available NTIS

**PATENT-4 469 998**
Three-Phase Power Factor Controller with Induced EMF Sensing.
PATENT-4 469 998 **02**-*503,845* Not available NTIS

**PATENT-4 470 022**
Pseudo Atmospheric Noise Generator having Variable Amplitude Probability Distributions and Discharge Fine Structure.
PATENT-4 470 022 **10**-*522,008* Not available NTIS

**PATENT-4 470 023**
Coherent Array of Josephson Oscillators with External Bias Leads.
PATENT-4 470 023 **03**-*506,229* Not available NTIS

**PATENT-4 470 293**
Impacting Device for Testing Insulation.
PATENT-4 470 293 **02**-*504,490* Not available NTIS

**PATENT-4 470 403**
Saltless Solar Pond.
PATENT-4 470 403 **03**-*506,359* Not available NTIS

**PATENT-4 470 562**
Polaris Guidance System.
PATENT-4 470 562 **03**-*506,910* Not available NTIS

**PATENT-4 471 219**
Amplitude Mode Magnetic Sensors.
PATENT-4 471 219 **03**-*506,907* Not available NTIS

**PATENT-4 471 340**
Analog to Digital Converter.
PATENT-4 471 340 **03**-*506,230* Not available NTIS

**PATENT-4 471 357**
Pipelined Digital SAR Azimuth Correlator Using Hybrid FFT-Transversal Filter.
PATENT-4 471 357 **03**-*506,922* Not available NTIS

**PATENT-4 471 359**
Dual Band, Low Sidelobe, High Efficiency Mirror Antenna.
PATENT-4 471 359 **03**-*506,231* Not available NTIS

**PATENT-4 471 444**
Rotating Tool Wear Monitoring Apparatus.
PATENT-4 471 444 **07**-*515,169* Not available NTIS

**PATENT-4 471 531**
Method and Apparatus for Measuring Press Roll Clearance.
PATENT-4 471 531 **03**-*506,814* Not available NTIS

**PATENT-4 471 570**
Recirculating Wiper for Agricultural Chemicals.
PATENT-4 471 570 **02**-*502,829* Not available NTIS

**PATENT-4 471 623**
Combustion Chamber Floatwall Panel Attachment Arrangement.
PATENT-4 471 623 **03**-*507,854* Not available NTIS

**PATENT-4 471 646**
Blood Pressure Cuff Calibration System.
PATENT-4 471 646 **02**-*503,405* Not available NTIS

**PATENT-4 471 683**
Voice Command Weapons Launching System.
PATENT-4 471 683 **03**-*507,246* Not available NTIS

**PATENT-4 472 167**
Mild-Cure Formaldehyde-Free Durable-Press Finishing of Cotton Textiles with Glyoxal and Glycols.
PATENT-4 472 167 **02**-*504,060* Not available NTIS

**PATENT-4 472 356**
Gas Contamination Detection Device.
PATENT-4 472 356 **04**-*509,864* Not available NTIS

**PATENT-4 472 377**
Method and Composition for Luring Coyotes.
PATENT-4 472 377 **02**-*503,379* Not available NTIS

**PATENT-4 472 473**
Curved Cap Corrugated Sheet.
PATENT-4 472 473 **02**-*502,799* Not available NTIS

**PATENT-4 472 679**
Diagnostic Apparatus for Radar Pulse Repetition Frequency Control Circuit Card.
PATENT-4 472 679 **03**-*506,923* Not available NTIS

**PATENT-4 472 716**
Phase Sensitive Guidance Sensor for Wire-Following Vehicles.
PATENT-4 472 716 **02**-*504,578* Not available NTIS

**PATENT-4 472 719**
ECM Multiple-Target Retrodirective Antenna.
PATENT-4 472 719 **11**-*524,916* Not available NTIS

**PATENT-4 472 726**
Two Carrier Dual Injector Apparatus.
PATENT-4 472 726 **03**-*506,074* Not available NTIS

**PATENT-4 472 728**
Imaging X-Ray Spectrometer.
PATENT-4 472 728 **02**-*504,491* Not available NTIS

**PATENT-4 472 807**
RF Laser Array Driver Apparatus.
PATENT-4 472 807 **03**-*507,331* Not available NTIS

**PATENT-4 473 259**
Linear Magnetic Bearings.
PATENT-4 473 259 **13**-*529,760* Not available NTIS

**PATENT-4 473 494**
Preparation of Stroma-Free, Non-Heme Protein-Free Hemoglobin.
PATENT-4 473 494 **06**-*513,027* Not available NTIS

**PATENT-4 473 496**
Intramolecularly Crosslinked Hemoglobin.
PATENT-4 473 496 **03**-*505,621* Not available NTIS

**PATENT-4 473 674**
Process for Improving Mechanical Properties of Epoxy Resins by Addition of Cobalt Ions.
PATENT-4 473 674 **03**-*506,467* Not available NTIS

**PATENT-4 473 792**
Coupling an Induction Motor Type Generator to AC Power Lines.
PATENT-4 473 792 **02**-*504,012* Not available NTIS

**PATENT-4 473 896**
Tactical Expendable Device.
PATENT-4 473 896 **11**-*524,866* Not available NTIS

**PATENT-4 474 062**
System for Indicating Fuel-Efficient Aircraft Altitude.
PATENT-4 474 062 **03**-*505,307* Not available NTIS

**PATENT-4 474 180**
Apparatus for Disintegrating Kidney Stones.
PATENT-4 474 180 **03**-*505,628* Not available NTIS

**PATENT-4 474 409**
Method of Enhancing the Removal of Methane Gas and Associated Fluids from Mine Boreholes.
PATENT-4 474 409 **03**-*506,020* Not available NTIS

**PATENT-4 474 471**
Correlation Spectrometer Having High Resolution and Multiplexing Capability.
PATENT-4 474 471 **03**-*506,815* Not available NTIS

**PATENT-4 474 755**
Bagworm Moth Attractant and Plant Protectant.
PATENT-4 474 755 **03**-*505,822* Not available NTIS

**PATENT-4 474 772**
Lysis of 'Trypanosoma Cruzi'.
PATENT-4 474 772 **03**-*505,638* Not available NTIS

**PATENT-4 474 816**
Control of Mycotoxin Production by Chemically Inhibiting Fungal Growth.
PATENT-4 474 816 **03**-*505,350* Not available NTIS

**PATENT-4 474 975**
Process for Producing Tris (N-Methylamino) Methylsilane.
PATENT-4 474 975 **15**-*533,584* Not available NTIS

**PATENT-4 474 991**
Synthetic Pheromone and Its Use in Controlling the Southern Corn Rootworm and Related Diabroticites.
PATENT-4 474 991 **03**-*505,722* Not available NTIS

**PATENT-4 475 063**
Hollow Cathode Apparatus.
PATENT-4 475 063 **15**-*534,380* Not available NTIS

**PATENT-4 475 385**
Model Mount System for Testing Flutter.
PATENT-4 475 385 **03**-*506,816* Not available NTIS

**PATENT-4 475 401**
Vibration Dosimeter.
PATENT-4 475 401 **03**-*505,742* Not available NTIS

**PATENT-4 475 527**
Ingot Slicing Machine and Method.
PATENT-4 475 527 **15**-*534,268* Not available NTIS

**PATENT-4 475 792**
High Resolution Diffraction Grating.
PATENT-4 475 792 **11**-*525,381* Not available NTIS

**PATENT-4 475 816**
Method for Determining in situ the Absorption Coefficient of Particulate Media Using Pulsed Laser Technique.
PATENT-4 475 816 **10**-*522,502* Not available NTIS

**PATENT-4 475 921**
Acoustic Agglomeration Methods and Apparatus.
PATENT-4 475 921 **15**-*534,186* Not available NTIS

**PATENT-4 476 062**
Pseudo-P-1,2,2,9,9,10,10-Octo-Fluoro(2.2)-P-Cyclophane Bis-Acid Chloride.
PATENT-4 476 062 **04**-*508,722* Not available NTIS

**PATENT-4 476 161**
Method of Producing a Buried Long Period Grating.
PATENT-4 476 161 **03**-*507,354* Not available NTIS

**PATENT-4 476 285**
Rubber Modified Epoxy Adhesive.
PATENT-4 476 285 **10**-*522,069* Not available NTIS

**PATENT-4 476 337**
Method for Introducing Fluorine into an Aromatic Ring.
PATENT-4 476 337 **04**-*508,723* Not available NTIS

**PATENT-4 476 462**
Use of Context to Simplify Two-Dimensional Computer Input.
PATENT-4 476 462 **04**-*509,128* Not available NTIS

**PATENT-4 476 549**
Calibration Method for Acoustic Scattering Measurements Using a Spherical Target.
PATENT-4 476 549 **11**-*525,326* Not available NTIS

**PATENT-4 476 710**
Detonation Transfer Evaluation Technique.
PATENT-4 476 710 **04**-*510,156* Not available NTIS

**PATENT-4 476 718**
Rain Rate Meter.
PATENT-4 476 718 **03**-*505,419* Not available NTIS

**PATENT-4 476 806**
Wet Film Applicator.
PATENT-4 476 806 **04**-*509,792* Not available NTIS

**PATENT-4 477 024**
Carbon/Carbon Rocket Motor Exit Cone Reinforcement.
PATENT-4 477 024 **03**-*507,861* Not available NTIS

**PATENT-4 477 043**
Biodynamic Resistant Control Stick.
PATENT-4 477 043 **03**-*505,305* Not available NTIS

**PATENT-4 477 152**
Reduction of Signal Modulation Caused by Polarization in Visible Optical Scanning Systems.
PATENT-4 477 152 **04**-*509,955* Not available NTIS

**PATENT-4 477 222**
Mounting Construction for Turbine Vane Assembly.
PATENT-4 477 222 **04**-*510,539* Not available NTIS

**PATENT-4 477 643**
Fluorinated Polyurethanes.
PATENT-4 477 643 **10**-*522,166* Not available NTIS

**PATENT-4 477 781**
Combined Microwave Parallel Amplifier-RF Attenuator/Modulator.
PATENT-4 477 781 **10**-*522,009* Not available NTIS

**PATENT-4 477 787**
Dual Mode Directionally Coupled Band Reject Filter Apparatus.
PATENT-4 477 787 **03**-*506,232* Not available NTIS

**PATENT-4 477 814**
Dual Mode Radio Frequency-Infrared Frequency System.
PATENT-4 477 814 **04**-*509,953* Not available NTIS

**PATENT-4 477 909**
Unstable Optical Resonator with Cancelling Edge Waves.
PATENT-4 477 909 **03**-*507,355* Not available NTIS

**PATENT-4 478 096**
Shielded Sniffing Device.
PATENT-4 478 096 **05**-*512,071* Not available NTIS

**PATENT-4 478 328**
Automatic Hide Processing Apparatus.
PATENT-4 478 328 **05**-*511,985* Not available NTIS

**PATENT-4 478 728**
Process and Compositions for Preserving Fresh Hides and Skins.
PATENT-4 478 728 **05**-*511,724* Not available NTIS

**PATENT-4 478 859**
Method of Making Stable Emulsified Meat Products.
PATENT-4 478 859 **05**-*511,086* Not available NTIS

**PATENT-4 478 879**
Screen Printed Interdigitated Back Contact Solar Cell.
PATENT-4 478 879 **13**-*529,402* Not available NTIS

**PATENT-4 478 890**
Low Temperature Deposition of Nickel Films.
PATENT-4 478 890 **10**-*522,388* Not available NTIS

**PATENT-4 479 053**
Focal Plane Array Optical Proximity Sensor.
PATENT-4 479 053 **15**-*534,514* Not available NTIS

**PATENT-4 479 222**
Diffusion Barrier for Long Wavelength Laser Diodes.
PATENT-4 479 222 **04**-*510,218* Not available NTIS

**PATENT-4 479 386**
Insulation Bonding Test System.
PATENT-4 479 386 **13**-*529,831* Not available NTIS

**PATENT-4 479 560**
Portable Pallet Weighing Apparatus.
PATENT-4 479 560 **13**-*529,832* Not available NTIS

**PATENT-4 480 040**
Sensitive and Rapid Diagnosis of Viroid Diseases and Viruses.
PATENT-4 480 040 **05**-*511,034* Not available NTIS

**PATENT-4 480 323**
Remote Self-Contained Undersea Monitor.
PATENT-4 480 323 **11**-*524,826* Not available NTIS

**PATENT-4 480 958**
High Pressure Turbine Rotor Two-Piece Blade Retainer.
PATENT-4 480 958 **10**-*522,362* Not available NTIS

**PATENT-4 481 421**
Lithium-6 Coated Wire Mesh Neutron Detector.
PATENT-4 481 421 **11**-*525,037* Not available NTIS

**PATENT-4 481 475**
Betatron Accelerator Having High Ratio of Budker Parameter to Relativistic Factor.
PATENT-4 481 475 **11**-*525,426* Not available NTIS

**PATENT-4 481 485**
Optically Triggered Transferred-Electron Device Microwave Burst and Single Pulse Generators.
PATENT-4 481 485 **14**-*531,654* Not available NTIS

**PATENT-4 481 517**
Echometry Device and Method.
PATENT-4 481 517 **05**-*512,072* Not available NTIS

**PATENT-4 481 570**
Automatic Multi-Banking of Memory for Microprocessors.
PATENT-4 481 570 **15**-*533,839* Not available NTIS

**PATENT-4 481 707**
Method for the Fabrication of Dielectric Isolated Junction Field Effect Transistor and PNP Transistor.
PATENT-4 481 707 **10**-*521,921* Not available NTIS

**PATENT-4 482 112**
Windblast Arm Protector Assembly.
PATENT-4 482 112 **10**-*520,955* Not available NTIS

**PATENT-4 482 113**
Integrated Paratroop Door.
PATENT-4 482 113 **10**-*520,969* Not available NTIS

**PATENT-4 482 205**
Temperature-Insensitive Optical Fibers.
PATENT-4 482 205 **11**-*525,382* Not available NTIS

**PATENT-4 482 259**
Laser Clock.
PATENT-4 482 259 **11**-*524,816* Not available NTIS

**PATENT-4 482 398**
Method for Refining Microstructures of Cast Titanium Articles.
PATENT-4 482 398 **10**-*522,136* Not available NTIS

**PATENT-4 482 404**
Azido Nitramino Ether Containing Solid Propellants.
PATENT-4 482 404 **11**-*525,812* Not available NTIS

**PATENT-4 482 406**
Propellant Plasticizer.
PATENT-4 482 406 **11**-*525,813* Not available NTIS

**PATENT-4 482 407**
Plasticizer System for Propellant Compositions.
PATENT-4 482 407 **11**-*525,814* Not available NTIS

**PATENT-4 482 408**
Plasticizer System for Propellant Compositions.
PATENT-4 482 408 **11**-*525,815* Not available NTIS

**PATENT-4 482 409**
Plasticizer System for Propellant Compositions.
PATENT-4 482 409 **11**-*525,816* Not available NTIS

**PATENT-4 482 410**
Plasticizer System for Propellant Compositions.
PATENT-4 482 410 **11**-*525,817* Not available NTIS

**PATENT-4 482 411**
Plasticizer System for Propellant Compositions.
PATENT-4 482 411 **11**-*525,818* Not available NTIS

**PATENT-4 482 702**
Fluorinated Polyesters.
PATENT-4 482 702 **14**-*531,903* Not available NTIS

**PATENT-4 482 728**
Polybutylbenzylphenols and Benzyl-3,4-Methylenedioxbenzenes in Insect Population Control.
PATENT-4 482 728 **05**-*511,080* Not available NTIS

**PATENT-4 482 778**
Solar Energy Converter Using Surface Plasma Waves.
PATENT-4 482 778 **15**-*533,951* Not available NTIS

**PATENT-4 482 779**
Inelastic Tunnel Diodes.
PATENT-4 482 779 **15**-*533,784* Not available NTIS

**PATENT-4 482 900**
Deployable Folded Antenna Apparatus.
PATENT-4 482 900 **10**-*522,010* Not available NTIS

**PATENT-4 483 006**
Axial Flow Laser Cavity.
PATENT-4 483 006 **11**-*525,370* Not available NTIS

**PATENT-4 483 198**
Osteoclast for Whole Bone Testing.
PATENT-4 483 198 **10**-*521,591* Not available NTIS

**PATENT-4 483 512**
Slow Opening Valve.
PATENT-4 483 512 **13**-*530,711* Not available NTIS

**PATENT-4 483 582**
Wavelength Multiplexer-Demultiplexer.
PATENT-4 483 582 **14**-*532,388* Not available NTIS

**PATENT-4 483 639**
Connection System.
PATENT-4 483 639 **15**-*534,239* Not available NTIS

**PATENT-4 483 689**
Abrasion-Resistant Durable-Press Acrylic Finishes for Cotton Textiles by Use of Nonoxidative Polymerization Initiators and Accelerators in Two-Stage Heat Curing.
PATENT-4 483 689 **05**-*511,678* Not available NTIS

**PATENT-4 483 817**
Method and Apparatus for Mapping the Distribution of Chemical Elements in an Extended Medium.
PATENT-4 483 817 **15**-*534,381* Not available NTIS

**PATENT-4 483 950**
Modified Starches as Extenders for Absorbent Polymers.
PATENT-4 483 950 **05**-*511,240* Not available NTIS

**PATENT-4 484 297**
Variable Data Base Generator Apparatus.
PATENT-4 484 297 **10**-*521,970* Not available NTIS

**PATENT-4 484 332**
Multiple Double Heterojunction Buried Laser Device.
PATENT-4 484 332 **11**-*525,371* Not available NTIS

**PATENT-4 484 539**
Ovipositional Stimulant for Trichogramma Spp.
PATENT-4 484 539 **07**-*514,602* Not available NTIS

**PATENT-4 484 618**
Thermochemical Energy Transport Using a Hydrogen Rich Working Fluid.
PATENT-4 484 618 **17**-*537,704* Not available NTIS

**PATENT-4 484 722**
Translating Rudder Pedal System.
PATENT-4 484 722 **10**-*520,970* Not available NTIS

**PATENT-4 485 151**
Thermal Barrier Coating System.
PATENT-4 485 151 **15**-*533,990* Not available NTIS

**PATENT-4 485 314**
Power Circuit Utilizing Self-Excited Hall Effect Switch Means.
PATENT-4 485 314 **10**-*522,011* Not available NTIS

**PATENT-4 485 361**
Pulse Transformer Package for Impedance Matching a Laser Diode to a Transmission Line.
PATENT-4 485 361 **11**-*525,372* Not available NTIS

**PATENT-4 485 670**
Heat Pipe Cooled Probe.
PATENT-4 485 670 **15**-*534,382* Not available NTIS

**PATENT-4 485 671**
Miniature Electrooptical Air Flow Sensor.
PATENT-4 485 671 **13**-*529,833* Not available NTIS

**PATENT-4 485 747**
Reducing Pollutant Emissions by Fines Removal.
PATENT-4 485 747 **07**-*515,090* Not available NTIS

**PATENT-4 485 992**
Leading Edge Flap System for Aircraft Control Augmentation.
PATENT-4 485 992 **13**-*528,325* Not available NTIS

**PATENT-4 486 179**
Biocompatible Cementitious Dental Compositions.
PATENT-4 486 179 **07**-*514,956* Not available NTIS

**PATENT-4 486 657**
Phase-Lock Fiber Optic Interferometer.
PATENT-4 486 657 **14**-*532,276* Not available NTIS

**PATENT-4 486 683**
Piezoelectric Transducer Using Electrically Poled Gamma-Phase Nylon 11.
PATENT-4 486 683 **10**-*522,167* Not available NTIS

**PATENT-4 487 068**
Method and Apparatus for Detecting Acoustic Emissions from Metal Matrix Wire.
PATENT-4 487 068 **10**-*522,503* Not available NTIS

**PATENT-4 487 293**
Elevator/Hatch Controller Platform Leveling Logic with Safety Features.
PATENT-4 487 293 **14**-*532,209* Not available NTIS

**PATENT-4 487 476**
Method of Multivariant Intraclass Pattern Recognition.
PATENT-4 487 476 **10**-*521,971* Not available NTIS

**PATENT-4 487 550**
Cooled Turbine Blade Tip Closure.
PATENT-4 487 550 **10**-*523,192* Not available NTIS

**PATENT-4 487 640**
Method for the Preparation of Epitaxial Films of Mercury Cadmium Telluride.
PATENT-4 487 640 **10**-*522,930* Not available NTIS

**PATENT-4 487 693**
Multi-Layer Coil Countercurrent Chromatograph with Adjustable Revolutional Radius.
PATENT-4 487 693 **07**-*515,234* Not available NTIS

**PATENT-4 488 155**
Method and Apparatus for Self-Calibration and Phasing of Array Antenna.
PATENT-4 488 155 **15**-*533,875* Not available NTIS

**PATENT-4 488 271**
Deep Ocean Wide Band Acoustic Baffle.
PATENT-4 488 271 **14**-*532,372* Not available NTIS

**PATENT-4 488 311**
Optically Pumped Iodine Monofluoride Laser.
PATENT-4 488 311 **11**-*525,373* Not available NTIS

**PATENT-4 488 335**
Hot Melt Adhesive Attachment Pad.
PATENT-4 488 335 **13**-*529,422* Not available NTIS

**PATENT-4 488 663**
Self-Charging Metering and Dispensing Device for Fluids.
PATENT-4 488 663 **15**-*535,302* Not available NTIS

**PATENT-4 488 691**
Torso Restraint System.
PATENT-4 488 691 **14**-*530,781* Not available NTIS

**PATENT-4 488 713**
Pneumatic Clamping Device.
PATENT-4 488 713 **10**-*522,363* Not available NTIS

**PATENT-4 488 878**
Process to Produce Durable Press Low Formaldehyde Release Cellulosic Textiles.
PATENT-4 488 878 **08**-*516,857* Not available NTIS

**PATENT-4 488 914**
Process for the Epitaxial Deposition of III-V Compounds Utilizing a Continuous In-Situ Hydrogen Chloride Etch.
PATENT-4 488 914 **11**-*523,937* Not available NTIS

**PATENT-4 488 996**
Rapid Production of Ispropenyl Esters.
PATENT-4 488 996 **08**-*516,359* Not available NTIS

**PATENT-4 489 027**
Process for Preparing Solvent Resistant, Thermoplastic Aromatic Poly(Imidesulfone)
PATENT-4 489 027 **13**-*529,520* Not available NTIS

**PATENT-4 489 044**
Formation of Tungsten Monocarbide from a Molten Tungstate-Halide Phase by Gas Sparging.
PATENT-4 489 044 **08**-*516,846* Not available NTIS

**PATENT-4 489 049**
Solid State Hydrogen Pumping and Storage Material.
PATENT-4 489 049 **14**-*532,823* Not available NTIS

**PATENT-4 489 161**
Strain of 'Trichoderma viride' to Control Fusarium Wilt.
PATENT-4 489 161 **08**-*516,158* Not available NTIS

**PATENT-4 489 239**
Portable Remote Laser Sensor for Methane Leak Detection.
PATENT-4 489 239 **15**-*534,383* Not available NTIS

**PATENT-4 489 243**
Solar Powered Actuator with Continuously Variable Auxiliary Power Control.
PATENT-4 489 243 **15**-*533,952* Not available NTIS

**PATENT-4 489 264**
Power Control for AC Motor.
PATENT-4 489 264 **16**-*535,973* Not available NTIS

**PATENT-4 489 274**
Rotating Squid Magnetometers and Gradiometers.
PATENT-4 489 274 **10**-*522,504* Not available NTIS

**PATENT-4 489 289**
SAW Oscillator with Digital Compensation for the Temperature Related Frequency Changes.
PATENT-4 489 289 **10**-*522,012* Not available NTIS

**PATENT-4 489 320**
Interference Suppressor for Radar MTI.
PATENT-4 489 320 **14**-*532,411* Not available NTIS

**PATENT-4 489 322**
Radar Calibration Using Direct Measurement Equipment and Oblique Photometry.
PATENT-4 489 322 **11**-*524,928* Not available NTIS

**PATENT-4 489 324**
Low Sidelobe Phased Array Antenna System.
PATENT-4 489 324 **11**-*524,929* Not available NTIS

**PATENT-4 489 392**
Orthogonalizer for Inphase and Quadrature Digital Data.
PATENT-4 489 392 **17**-*538,018* Not available NTIS

**PATENT-4 490 002**
Releasable Cable Connector Assembly for Use between a Mobile and Stationary Object.
PATENT-4 490 002 **10**-*522,364* Not available NTIS

**PATENT-4 490 016**
Polarimetric Image Recorder.
PATENT-4 490 016 **14**-*532,303* Not available NTIS

**PATENT-4 490 117**
Inflight IFR Procedures Simulator.
PATENT-4 490 117 **13**-*528,633* Not available NTIS

**PATENT-4 490 229**
Deposition of Diamondlike Carbon Films.
PATENT-4 490 229 **13**-*529,449* Not available NTIS

**PATENT-4 490 829**
Detection of Angular Modulated Electromagnetic Signals.
PATENT-4 490 829 **11**-*524,878* Not available NTIS

**PATENT-4 490 973**
Flameholder with Integrated Air Mixer.
PATENT-4 490 973 **11**-*525,801* Not available NTIS

**PATENT-4 491 413**
Fiber Optic Gyroscope with Alternating Output Signal.
PATENT-4 491 413 **17**-*538,813* Not available NTIS

**PATENT-4 491 427**
Reusable Thermal Cycling Clamp.
PATENT-4 491 427 **15**-*534,240* Not available NTIS

**PATENT-4 491 765**
Quasioptical Gyroklystron.
PATENT-4 491 765 **17**-*537,902* Not available NTIS

**PATENT-4 491 845**
Wide Angle Phased Array Dome Lens Antenna with a Reflection/Transmission Switch.
PATENT-4 491 845 **10**-*522,013* Not available NTIS

**PATENT-4 491 971**
Short Range Trapped Miner Locator.
PATENT-4 491 971 **09**-*519,031* Not available NTIS

**PATENT-4 492 866**
Method for Predicting the Performance of Cathode Materials.
PATENT-4 492 866 **17**-*537,903* Not available NTIS

**PATENT-4 492 875**
Wave Powered Buoy Generator.
PATENT-4 492 875 **14**-*531,803* Not available NTIS

**PATENT-4 492 960**
Switching Mixer.
PATENT-4 492 960 **14**-*531,719* Not available NTIS

**PATENT-4 493 021**
Multicomputer Communication System.
PATENT-4 493 021 **15**-*534,494* Not available NTIS

**PATENT-4 493 047**
Real Time Data Smoother and Significant Values Selector.
PATENT-4 493 047 **14**-*531,692* Not available NTIS

**PATENT-4 493 114**
Optical Non-Line-of-Sight Covert, Secure High Data Communication System.
PATENT-4 493 114 **14**-*532,389* Not available NTIS

**PATENT-4 493 211**
Continuous Laminar Smoke Generator.
PATENT-4 493 211 **15**-*534,384* Not available NTIS

**PATENT-4 493 553**
Method of and Apparatus for Measuring Temperature and Pressure.
PATENT-4 493 553 **15**-*534,385* Not available NTIS

**PATENT-4 493 664**
Sonobuoy Float Inflation and Depth Selection Initiators.
PATENT-4 493 664 **14**-*532,210* Not available NTIS

**PATENT-4 493 741**
Amine Salts as Bonding Agents.
PATENT-4 493 741 **11**-*525,819* Not available NTIS

**PATENT-4 493 854**
Production of Defatted Soybean Products by Supercritical Fluid Extraction.
PATENT-4 493 854 **10**-*521,571* Not available NTIS

**PATENT-4 494 039**
Gyrotron Traveling-Wave Device Including Quarter Wavelength Anti-Reflective Dielectric Layer to Enhance Microwave Absorption.
PATENT-4 494 039 **17**-*537,904* Not available NTIS

**PATENT-4 494 117**
Dual Sense, Circularly Polarized Helical Antenna.
PATENT-4 494 117 **17**-*538,019* Not available NTIS

**PATENT-4 494 211**
Balanced System for Ranging and Synchronization between Satellite Pairs.
PATENT-4 494 211 **17**-*538,790* Not available NTIS

**PATENT-4 494 595**
Temperature-Controllable Heat Valve.
PATENT-4 494 595 **11**-*524,604* Not available NTIS

**PATENT-4 494 827**
Imaging Apparatus for Transverse Electrode Electro-Optic Tunable Filter.
PATENT-4 494 827 **11**-*525,383* Not available NTIS

**PATENT-4 494 838**
Retinal Information Mapping System.
PATENT-4 494 838 **10**-*521,592* Not available NTIS

**PATENT-4 494 894**
Extensible Brattice Support System for Mine Face Ventilation.
PATENT-4 494 894 **10**-*521,881* Not available NTIS

**PATENT-4 494 995**
Dual Species Ion Implantation of Ternary Compounds Based on In-Ga-As.
PATENT-4 494 995 **14**-*532,730* Not available NTIS

**PATENT-4 495 044**
Diamondlike Flakes.
PATENT-4 495 044 **15**-*533,991* Not available NTIS

**PATENT-4 495 207**
Production of Food-Grade Corn Germ Product by Supercritical Fluid Extraction.
PATENT-4 495 207 **11**-*523,807* Not available NTIS

**PATENT-4 495 256**
Dual Electrochemical System.
PATENT-4 495 256 **14**-*531,804* Not available NTIS

**PATENT-4 495 279**
Isoelectric Focussing-Polynucleotide/Polyacrylamide Gel Electrophoresis.
PATENT-4 495 279 **11**-*523,666* Not available NTIS

**PATENT-4 495 339**
Chemical Approach for Controlling Nadimide Cure Temperature and Rate.
PATENT-4 495 339 **24**-*555,339* Not available NTIS

**PATENT-4 495 411**
Fiber Optic Sensors Operating at DC.
PATENT-4 495 411 **17**-*538,724* Not available NTIS

**PATENT-4 495 466**
Eddy Current Test Probe with Circumferential Segments and Method of Testing Material Surrounding Fastener Holes.
PATENT-4 495 466 **10**-*522,505* Not available NTIS

**PATENT-4 495 501**
Method and Means for Providing Frequency Agile Operation of MTI (Moving Target Indicator) Radar.
PATENT-4 495 501 **11**-*524,930* Not available NTIS

**PATENT-4 495 502**
Multiple Loop Sidelobe Canceller.
PATENT-4 495 502 **11**-*524,917* Not available NTIS

**PATENT-4 495 505**
Printed Circuit Balun with a Dipole Antenna.
PATENT-4 495 505 **10**-*522,014* Not available NTIS

**PATENT-4 495 520**
Television Camera Video Level Control System.
PATENT-4 495 520 **15**-*534,495* Not available NTIS

**PATENT-4 495 764**
Integrated Insulation Wall Assembly.
PATENT-4 495 764 **11**-*525,808* Not available NTIS

**PATENT-4 495 782**
Transmissive Dewar Cooling Chamber for Optically Pumped Semiconductor Ring Lasers.
PATENT-4 495 782 **10**-*522,970* Not available NTIS

**PATENT-4 496 122**
Extended Moment Arm Anti-Spin Device.
PATENT-4 496 122 **15**-*532,922* Not available NTIS

**PATENT-4 496 701**
Phosphorus-Containing Imide Resins.
PATENT-4 496 701 **15**-*533,474* Not available NTIS

**PATENT-4 496 876**
Frequency-Spreading Coupler.
PATENT-4 496 876 **17**-*537,905* Not available NTIS

**PATENT-4 496 917**
RF-Primed High Power Halogen Vial Apparatus.
PATENT-4 496 917 **11**-*524,879* Not available NTIS

**PATENT-4 497 540**
Optical System.
PATENT-4 497 540 **16**-*536,779* Not available NTIS

**PATENT-4 497 578**
Machine for Mixing and Injecting Water and Grout into a Roof Bolt Hole.
PATENT-4 497 578 **12**-*526,846* Not available NTIS

**PATENT-4 497 730**
Method for Obtaining Periplasmic Proteins from Bacterial Cells Using Chloroform.
PATENT-4 497 730 **11**-*523,683* Not available NTIS

**PATENT-4 497 898**
Spectrophotometric Method for Simultaneously Analyzing Protein and Fat Contents in Milk.
PATENT-4 497 898 **11**-*523,808* Not available NTIS

**PATENT-4 497 935**
Elastomer Toughened Polyimide Adhesives.
PATENT-4 497 935 **15**-*533,972* Not available NTIS

**PATENT-4 497 939**
Chemical Approach for Controlling Nadimide Cure Temperature and Rate with Maleimide.
PATENT-4 497 939 **15**-*533,475* Not available NTIS

**PATENT-4 497 940**
Chemical Approach for Controlling Nadimide Cure Temperature and Rate.
PATENT-4 497 940 **15**-*533,476* Not available NTIS

**PATENT-4 497 948**
Chemical Approach for Controlling Nadimide Cure Temperature and Rate with Maleimide.
PATENT-4 497 948 **15**-*533,477* Not available NTIS

**PATENT-4 498 184**
Jinc-Trap Resonator.
PATENT-4 498 184 **15**-*534,777* Not available NTIS

**PATENT-4 498 231**
Thin Film Strain Transducer.
PATENT-4 498 231 **15**-*534,386* Not available NTIS

**PATENT-4 498 333**
Carbon Granule Probe Microphone for Leak Detection.
PATENT-4 498 333 **15**-*534,387* Not available NTIS

**PATENT-4 498 491**
Thermo-Electric Valve.
PATENT-4 498 491 **17**-*538,651* Not available NTIS

**PATENT-4 498 928**
Ductile Duplex Iron-Based Alloy Containing Aluminum.
PATENT-4 498 928 **11**-*524,496* Not available NTIS

**PATENT-4 499 156**
Titanium Metal-Matrix Composites.
PATENT-4 499 156 **15**-*534,008* Not available NTIS

**PATENT-4 499 258**
Polyaromatic Ether-Sulfone-Keytones with Fluoro-Substitut-od-P-Cyclophane Units as Cross-Linking Sites.
PATENT-4 499 258 **15**-*533,478* Not available NTIS

**PATENT-4 499 260**
Phthalocyanine Polymers.
PATENT-4 499 260 **15**-*533,479* Not available NTIS

**PATENT-4 499 334**
Heat Resistant Sheathed Insulated Electrical Conductors.
PATENT-4 499 334 **15**-*533,785* Not available NTIS

**PATENT-4 499 395**
Cut Angles for Quartz Crystal Resonators.
PATENT-4 499 395 **15**-*533,786* Not available NTIS

**PATENT-4 499 424**
State-of-Charge Coulometer.
PATENT-4 499 424 **15**-*534,368* Not available NTIS

**PATENT-4 499 468**
Range-Only Multistatic Radar System.
PATENT-4 499 468 **15**-*534,520* Not available NTIS

**PATENT-4 499 470**
Method of Measuring Sea Surface Water Temperature with a Satellite Including Wideband Passive Synthetic-Aperture Multichannel Receiver.
PATENT-4 499 470 **15**-*533,747* Not available NTIS

**PATENT-4 499 481**
Heterojunction Schottky Gate Mesfet with Lower Channel Ridge Barrier.
PATENT-4 499 481 **17**-*537,906* Not available NTIS

**PATENT-4 499 735**
Segmented Zoned Fuel Injection System for Use with a Combustor.
PATENT-4 499 735 **15**-*535,251* Not available NTIS

**PATENT-4 499 761**
Snow Scale/Rate Meter.
PATENT-4 499 761 **15**-*533,010* Not available NTIS

**PATENT-4 499 770**
Systems for Monitoring Changes in Elastic Stiffness in Composite Materials.
PATENT-4 499 770 **11**-*524,812* Not available NTIS

**PATENT-4 500 206**
Optical System for Measuring Shadowgraph Data.
PATENT-4 500 206 **15**-*534,515* Not available NTIS

**PATENT-4 500 255**
Spacer Structure.
PATENT-4 500 255 **15**-*535,252* Not available NTIS

**PATENT-4 500 329**
Self-Actuating Vacuum Gas/Liquid Separator.
PATENT-4 500 329 **13**-*529,089* Not available NTIS

**PATENT-4 500 398**
Production of Lead from Sulfides.
PATENT-4 500 398 **13**-*529,090* Not available NTIS

**PATENT-4 500 492**
Apparatus and Method to Keep the Walls of a Free-Space Reactor Free from Deposits of Solid Materials.
PATENT-4 500 492 **15**-*534,068* Not available NTIS

**PATENT-4 500 637**
Prevention of Graft Versus Host Disease Following Bone Marrow Transplantation.
PATENT-4 500 637 **13**-*528,816* Not available NTIS

**PATENT-4 501 151**
Ultrasonic Therapy Applicator That Measures Dosage.
PATENT-4 501 151 **18**-*540,159* Not available NTIS

**PATENT-4 501 448**
Universal Ripper Miner.
PATENT-4 501 448 **18**-*540,511* Not available NTIS

**PATENT-4 501 636**
Apparatus for Etching Vertical Junction Solar Cell Wafers.
PATENT-4 501 636 **15**-*533,876* Not available NTIS

**PATENT-4 501 929**
Multiconductor Flat Cable.
PATENT-4 501 929 **15**-*533,787* Not available NTIS

**PATENT-4 502 475**
Drill Guide for Bone Plate Fixation.
PATENT-4 502 475 **18**-*540,160* Not available NTIS

**PATENT-4 502 756**
Bandpass Filter Formed by Serial Gratings Operating in a Wood's Anomaly Region.
PATENT-4 502 756 **16**-*536,780* Not available NTIS

**PATENT-4 503 082**
Method for Reducing Sodium Content and Simultaneously Increasing Potassium Content of a Food.
PATENT-4 503 082 **18**-*540,136* Not available NTIS

**PATENT-4 503 403**
Optical Injection Locking of Solid-State Oscillators by Frequency-Multiplexed Injection-Locked, Laser Diodes.
PATENT-4 503 403 **17**-*537,907* Not available NTIS

**PATENT-4 503 436**
Beam Forming Network.
PATENT-4 503 436 **22**-*550,297* Not available NTIS

**PATENT-4 503 541**
Controlled-Linewidth Laser Source.
PATENT-4 503 541 **17**-*539,332* Not available NTIS

**PATENT-4 503 668**
Strutless Diffuser for Gas Turbine Engine.
PATENT-4 503 668 **16**-*536,986* Not available NTIS

**PATENT-4 504 329**
Process for the Epitaxial Deposition of III-V Compounds Utilizing a Binary Alloy as the Metallic Source.
PATENT-4 504 329 **16**-*536,730* Not available NTIS

**PATENT-4 504 835**
Low Sidelobe, High Efficiency Mirror Antenna with Twist Reflector.
PATENT-4 504 835 **24**-*555,592* Not available NTIS

**PATENT-4 505 124**
Heat Management System for Aircraft.
PATENT-4 505 124 **16**-*535,314* Not available NTIS

**PATENT-4 505 277**
Implantation Device for Use In vivo Stimulation and Collection of Monocytes from Peritoneum of Vertebrate.
PATENT-4 505 277 **20**-*544,748* Not available NTIS

**PATENT-4 505 544**
Spatial Frequency Multiplexed Coherent Optical Processor for Calculating Generalized Moments.
PATENT-4 505 544 **24**-*555,544* Not available NTIS

**PATENT-4 505 582**
Self-Detecting Optical Sensors.
PATENT-4 505 582 **16**-*535,974* Not available NTIS

**PATENT-4 505 998**
Alkaline Battery Containing a Separator of a Cross-Linked Copolymer of Vinyl Alcohol and Unsaturated Carboxylic Acid.
PATENT-4 505 998 **22**-*550,368* Not available NTIS

**PATENT-4 506 183**
High Thermal Power Density Heat Transfer Apparatus Providing Electrical Isolation at High Temperature Using Heat Pipes.
PATENT-4 506 183 **22**-*550,565* Not available NTIS

**PATENT-4 506 234**
Amplitude and Phase Modulation in Fin-Lines Electrical Tuning.
PATENT-4 506 234 **24**-*555,478* Not available NTIS

**PATENT-4 506 269**
Laminated Thermoplastic Radome.
PATENT-4 506 269 **16**-*536,545* Not available NTIS

**PATENT-4 506 686**
Physiochemically Controlled Scour Jet Array System.
PATENT-4 506 686 **17**-*538,472* Not available NTIS

**PATENT-4 507 602**
Measurement of Permittivity and Permeability of Microwave Materials.
PATENT-4 507 602 **16**-*536,397* Not available NTIS

**PATENT-4 507 762**
Method and Apparatus for Generating Monopulse Ultrasonic Signals.
PATENT-4 507 762 **19**-*543,067* Not available NTIS

**PATENT-4 507 928**
Reciprocating Magnetic Refrigerator Employing Tandem Porous Matrices within a Reciprocating Displacer.
PATENT-4 507 928 **22**-*550,566* Not available NTIS

**PATENT-4 508 055**
Device for Cryogenically Fabricating Source Material for Plasma X-ray Lasers.
PATENT-4 508 055 **24**-*556,662* Not available NTIS

**PATENT-4 508 294**
Air Bag Restraint System.
PATENT-4 508 294 **17**-*537,016* Not available NTIS

**PATENT-4 508 296**
Hemispherical Latching Apparatus.
PATENT-4 508 296 **24**-*556,034* Not available NTIS

**PATENT-4 508 590**
Method for the Deposition of High-Quality Crystal Epitaxial Films of Iron.
PATENT-4 508 590 **24**-*556,610* Not available NTIS

**PATENT-4 508 662**
Pentafluorotelluriumoxide Fluorocarbons.
PATENT-4 508 662 **23**-*552,465* Not available NTIS

**PATENT-4 508 736**
Method for Preparing Improved Quality Rice-Containing Baked Products.
PATENT-4 508 736 **18**-*540,137* Not available NTIS

**PATENT-4 508 781**
Fluorination by Inorganic Fluorides in Glow Discharge.
PATENT-4 508 781 **18**-*540,354* Not available NTIS

**PATENT-4 508 820**
Method for Simultaneously Monitoring Turnover Rate in Multiple Proteins.
PATENT-4 508 820 **18**-*540,011* Not available NTIS

**PATENT-4 508 929**
Recovery of Alcohol from a Fermentation Source by Separation Rather Than Distillation.
PATENT-4 508 929 **23**-*552,466* Not available NTIS

**PATENT-4 509 048**
Method and Apparatus for Delta Kappa Synthetic Aperture Radar Measurement of Ocean Current.
PATENT-4 509 048 **26**-*560,572* Not available NTIS

**PATENT-4 509 051**
Phase-Coded Pulse Expander-Compressor.
PATENT-4 509 051 **24**-*556,225* Not available NTIS

**PATENT-4 509 130**
Digital Control of Diode Laser for Atmospheric Spectroscopy.
PATENT-4 509 130 **22**-*549,419* Not available NTIS

**PATENT-4 509 131**
Geomagnetic Velocimeter.
PATENT-4 509 131 **17**-*537,036* Not available NTIS

**PATENT-4 509 132**
Method and Apparatus for Transfer Function Simulator for Testing Complex Systems.
PATENT-4 509 132 **26**-*560,724* Not available NTIS

**PATENT-4 509 522**
Infrared Optical Measurement of Blood Gas Concentrations and Fiber Optic Catheter.
PATENT-4 509 522 **24**-*555,131* Not available NTIS

**PATENT-4 509 548**
Reactant Pressure Differential Control for Fuel Cell Gases.
PATENT-4 509 548 **26**-*560,860* Not available NTIS

**PATENT-4 510 277**
Process for Improving Moisture Resistance of Epoxy Resins by Addition of Chromium Ions.
PATENT-4 510 277 **26**-*560,913* Not available NTIS

**PATENT-4 510 296**
Phenoxy Resins Containing Pendent Ethynyl Groups and Cured Resins Obtained Therefrom.
PATENT-4 510 296 **22**-*549,973* Not available NTIS

**PATENT-4 510 377**
Small Cartridge Heater.
PATENT-4 510 377 **23**-*554,518* Not available NTIS

**PATENT-4 510 476**
High Voltage Isolation Transformer.
PATENT-4 510 476 **22**-*550,189* Not available NTIS

**PATENT-4 510 525**
Stereoscopic Video Imagery Generation.
PATENT-4 510 525 **23**-*553,720* Not available NTIS

**PATENT-4 510 622**
High Sensitivity Millimeter-Wave Measurement Apparatus.
PATENT-4 510 622 **23**-*552,864* Not available NTIS

**PATENT-4 510 846**
Pneumatic Actuator Device.
PATENT-4 510 846 **23**-*553,591* Not available NTIS

**PATENT-4 511 105**
Compartmented, Filament Wound, One-Piece Aircraft Fuel Tanks.
PATENT-4 511 105 **23**-*551,928* Not available NTIS

**PATENT-4 511 216**
High Power Laser Dump.
PATENT-4 511 216 **23**-*554,220* Not available NTIS

**PATENT-4 511 219**
Kalman Filter Preprocessor.
PATENT-4 511 219 **23**-*552,829* Not available NTIS

**PATENT-4 511 220**
Laser Target Speckle Eliminator.
PATENT-4 511 220 **23**-*554,238* Not available NTIS

**PATENT-4 511 228**
Measurement of Visual Contrast Sensitivity.
PATENT-4 511 228 **23**-*552,386* Not available NTIS

**PATENT-4 511 388**
Production of High-Analysis Ammonium Orthophosphate Suspension Fertilizers by a New Batch-Type Process.
PATENT-4 511 388 **18**-*539,687* Not available NTIS

**PATENT-4 511 556**
Inactivation of a Lipid Virus.
PATENT-4 511 556 **18**-*540,168* Not available NTIS

**PATENT-4 511 838**
Method for Determining the Point of Zero zeta Potential of Semiconductors.
PATENT-4 511 838 **24**-*556,153* Not available NTIS

**PATENT-4 512 660**
Picosecond Broadband CARS (Coherent Antistokes Raman Spectroscopy) Probe Using the Picosecond Continuum.
PATENT-4 512 660 **24**-*555,340* Not available NTIS

**PATENT-4 512 661**
Dual Differential Interferometer.
PATENT-4 512 661 **24**-*556,154* Not available NTIS

**PATENT-4 512 678**
Slide Release Mechanism.
PATENT-4 512 678 **24**-*556,035* Not available NTIS

**PATENT-4 512 699**
Daze Fasteners.
PATENT-4 512 699 **22**-*550,725* Not available NTIS

**PATENT-4 512 793**
Granulation of Urea Phosphate from Urea and Merchant-Grade Phosphoric Acid.
PATENT-4 512 793 **18**-*539,688* Not available NTIS

**PATENT-4 512 825**
Recovery of Fragile Layers Produced on Substrates by Chemical Vapor Deposition.
PATENT-4 512 825 **24**-*556,611* Not available NTIS

**PATENT-4 512 846**
Method for Growth of Crystals by Pressure Reduction of Supercritical or Subcritical Solution.
PATENT-4 512 846 **22**-*551,255* Not available NTIS

**PATENT-4 513 087**
Reversible Optical Waveguide Vapor Sensor.
PATENT-4 513 087 **24**-*556,155* Not available NTIS

**PATENT-4 513 280**
Method and Apparatus for the Detection of Toxicants.
PATENT-4 513 280 **24**-*556,156* Not available NTIS

**PATENT-4 513 289**
P1 Polyphase Code Expander-Compressor.
PATENT-4 513 289 **24**-*556,226* Not available NTIS

**PATENT-4 513 308**
P-N Junction Controlled Field Emitter Array Cathode.
PATENT-4 513 308 **24**-*555,479* Not available NTIS

**PATENT-4 513 317**
Retinally Stabilized Differential Resolution Television Display.
PATENT-4 513 317 **22**-*550,951* Not available NTIS

**PATENT-4 513 422**
CO2 Laser Stabilization and Switching.
PATENT-4 513 422 **23**-*554,221* Not available NTIS

**PATENT-4 513 423**
Arrangement for Damping the Resonance in a Laser Diode.
PATENT-4 513 423 **24**-*556,663* Not available NTIS

**PATENT-4 513 428**
Simultaneous Detection of Time Coincident Signals in an Adaptive Doppler Tracker.
PATENT-4 513 428 **23**-*553,782* Not available NTIS

**PATENT-4 513 429**
Sample Data Phase Locked Loop for Adaptive Doppler Tracker.
PATENT-4 513 429 **23**-*552,882* Not available NTIS

**PATENT-4 513 513**
Microwave Drying of Ammonium Perchlorate Grinding Spheres.
PATENT-4 513 513 **26**-*561,185* Not available NTIS

**PATENT-4 513 528**
Rope Wick Applicator.
PATENT-4 513 528 **23**-*551,957* Not available NTIS

**PATENT-4 513 750**
Method for Thermal Monitoring Subcutaneous Tissue.
PATENT-4 513 750 **24**-*554,945* Not available NTIS

**PATENT-4 513 810**
Low Gravity Exothermic Heating/Cooling Apparatus.
PATENT-4 513 810 **22**-*550,567* Not available NTIS

**PATENT-4 514 056**
Acoustically Tuned Optical Filter System.
PATENT-4 514 056 **23**-*554,239* Not available NTIS

**PATENT-4 514 137**
Method for Driving Two-Phase Turbines with Enhanced Efficiency.
PATENT-4 514 137 **22**-*550,331* Not available NTIS

**PATENT-4 514 143**
Aircraft Rotor Blade with Passive Tuned Tab.
PATENT-4 514 143 **24**-*554,584* Not available NTIS

**PATENT-4 514 178**
Trace Water Sensor.
PATENT-4 514 178 **22**-*550,847* Not available NTIS

**PATENT-4 514 557**
Chemical Control of Nadimide Cure Temperature and Rate.
PATENT-4 514 557 **22**-*550,025* Not available NTIS

**PATENT-4 514 758**
Fall Velocity Indicator/Viewer.
PATENT-4 514 758 **23**-*552,045* Not available NTIS

**PATENT-4 515 001**
Variable Radius Lead Former.
PATENT-4 515 001 **23**-*553,569* Not available NTIS

**PATENT-4 515 207**
Monogroove Heat Pipe Design: Insulated Liquid Channel with Bridging Wick.
PATENT-4 515 207 **22**-*550,568* Not available NTIS

**PATENT-4 515 751**
Moisture Content and Gas Sampling Device.
PATENT-4 515 751 **22**-*550,848* Not available NTIS

**PATENT-4 515 780**
Animal Nutrition.
PATENT-4 515 780 **23**-*552,281* Not available NTIS

**PATENT-4 515 847**
Erosion-Resistant Nosetip Construction.
PATENT-4 515 847 **23**-*554,544* Not available NTIS

**PATENT-4 516 071**
Split-Cross-Bridge Resistor for Testing for Proper Fabrication of Integrated Circuits.
PATENT-4 516 071 **24**-*556,058* Not available NTIS

**PATENT-4 516 385**
Wrapping Machine.
PATENT-4 516 385 **20**-*545,903* Not available NTIS

**PATENT-4 516 435**
Precision Manipulator Heating and Cooling Apparatus for Use in UHV (Ultrahigh Vacuum) Systems with Sample Transfer Capability.
PATENT-4 516 435 **22**-*550,784* Not available NTIS

**PATENT-4 516 858**
Multiple Site Laser Excited Pollution Monitoring System.
PATENT-4 516 858 **23**-*553,685* Not available NTIS

**PATENT-4 517 080**
Apparatus for Encapsulating Additives in Resealed Erythrocytes.
PATENT-4 517 080 **20**-*545,991* Not available NTIS

**PATENT-4 517 464**
Sensor System.
PATENT-4 517 464 **23**-*553,793* Not available NTIS

**PATENT-4 517 472**
High Voltage Power Supply.
PATENT-4 517 472 **22**-*550,356* Not available NTIS

**PATENT-4 517 505**
Variable Force, Eddy-Current or Magnetic Damper.
PATENT-4 517 505 **24**-*556,078* Not available NTIS

**PATENT-4 517 517**
Nickel-Cadmium Battery Conditioner and Tester Apparatus.
PATENT-4 517 517 **23**-*553,111* Not available NTIS

**PATENT-4 517 530**
Maser Cavity Servo-Tuning System.
PATENT-4 517 530 **22**-*551,320* Not available NTIS

**PATENT-4 517 568**
Angle Set-On Apparatus.
PATENT-4 517 568 **23**-*553,790* Not available NTIS

**PATENT-4 517 570**
Method for Tuning a Phased Array Antenna.
PATENT-4 517 570 **23**-*552,883* Not available NTIS

**PATENT-4 517 618**
Protection Circuitry for High Voltage Drivers.
PATENT-4 517 618 **23**-*552,884* Not available NTIS

**PATENT-4 518 277**
Self-Locking Mechanical Center Joint.
PATENT-4 518 277 **24**-*556,079* Not available NTIS

**PATENT-4 518 625**
Arc Spray Fabrication of Metal Matrix Composite Monotape.
PATENT-4 518 625 **24**-*555,728* Not available NTIS

**PATENT-4 518 722**
Diffusely Reflecting Paints Including Polytetrafluoroethylene and Method of Manufacture.
PATENT-4 518 722 **22**-*550,396* Not available NTIS

**PATENT-4 518 759**
Synthesis of Arylene Siloxanylene Polymers and Copolymers.
PATENT-4 518 759 **23**-*552,467* Not available NTIS

**PATENT-4 518 915**
Test Device for Expendable Bathythermograph Set (XBT).
PATENT-4 518 915 **24**-*555,450* Not available NTIS

**PATENT-4 519 055**
Optical Disc Transport System.
PATENT-4 519 055 **23**-*553,716* Not available NTIS

**PATENT-4 519 545**
Spray Applicator for Spraying Coatings and Other Fluids in Space.
PATENT-4 519 545 **22**-*550,785* Not available NTIS

**PATENT-4 520 320**
Synchronous Phase Marker and Amplitude Detector.
PATENT-4 520 320 **17**-*537,972* Not available NTIS

**PATENT-4 520 364**
Attachment Method-Ceramic Radome to Metal Body.
PATENT-4 520 364 **23**-*553,554* Not available NTIS

**PATENT-4 520 504**
Infrared System with Computerized Image Display.
PATENT-4 520 504 **23**-*553,794* Not available NTIS

**PATENT-4 520 601**
Mechanical Fastener.
PATENT-4 520 601 **24**-*556,036* Not available NTIS

**PATENT-4 520 656**
Gravity Enhanced Acoustic Levitation Method and Apparatus.
PATENT-4 520 656 **22**-*551,242* Not available NTIS

**PATENT-4 521 077**
Light Transmitting Window Assembly.
PATENT-4 521 077 **22**-*551,336* Not available NTIS

**PATENT-4 521 659**
Induction Heating Gun.
PATENT-4 521 659 **22**-*550,569* Not available NTIS

**PATENT-4 521 688**
Three-Dimensional and Tomographic Imaging Device for X-ray and gamma-Ray Emitting Objects.
PATENT-4 521 688 **24**-*556,157* Not available NTIS

**PATENT-4 521 702**
Reactanceless Synthesized Impedance Bandpass Amplifier.
PATENT-4 521 702 **22**-*550,298* Not available NTIS

**PATENT-4 521 779**
Pulse Compression System.
PATENT-4 521 779 **24**-*555,582* Not available NTIS

**PATENT-4 521 854**
Closed Loop Electrostatic Levitation System.
PATENT-4 521 854 **22**-*550,272* Not available NTIS

**PATENT-4 521 887**
W-Shaped Diffused Stripe GaAs/AlGaAs (Gallium Arsenide/Aluminium Gallium Arsenide) Laser.
PATENT-4 521 887 **24**-*556,664* Not available NTIS

**PATENT-4 521 893**
Clock Distribution Circuit for Active Aperture Antenna Array.
PATENT-4 521 893 **26**-*561,328* Not available NTIS

**PATENT-4 522 469**
Liquid Crystal Light Valve Structures.
PATENT-4 522 469 **26**-*561,722* Not available NTIS

**PATENT-4 522 495**
Optical Sensing Devices.
PATENT-4 522 495 **24**-*556,224* Not available NTIS

**PATENT-4 522 661**
Low Defect, High Purity Crystalline Layers Grown by Selective Deposition.
PATENT-4 522 661 **24**-*556,612* Not available NTIS

**PATENT-4 522 844**
Corrosion Resistant Coating.
PATENT-4 522 844 **22**-*550,475* Not available NTIS

**PATENT-4 522 883**
Circumferentially Wrapped Carbon-Carbon Structure.
PATENT-4 522 883 **26**-*561,320* Not available NTIS

**PATENT-4 522 918**
Process for Producing Monoclonal Antibodies Reactive with Human Breast Cancer.
PATENT-4 522 918 **26**-*560,327* Not available NTIS

**PATENT-4 523 008**
Stabilized Unsaturated Polyesters.
PATENT-4 523 008 **22**-*549,974* Not available NTIS

**PATENT-4 523 104**
Switch Debounce Circuit.
PATENT-4 523 104 **26**-*560,732* Not available NTIS

**PATENT-4 523 120**
Precise Bearing Support Ditherer with Piezoelectric Drive Means.
PATENT-4 523 120 **24**-*556,080* Not available NTIS

**PATENT-4 523 198**
Radio Frequency Lens Antenna.
PATENT-4 523 198 **26**-*560,733* Not available NTIS

**PATENT-4 523 212**
Simultaneous Doped Layers for Semiconductor Devices.
PATENT-4 523 212 **26**-*560,664* Not available NTIS

**PATENT-4 523 293**
Two-Dimensional Bulk Acoustic Wave Correlator-Convolver.
PATENT-4 523 293 **26**-*560,734* Not available NTIS

**PATENT-4 523 325**
Three-Stage Binary Coincidence Detector Apparatus with Adaptive Constant False Alarm Rate.
PATENT-4 523 325 **26**-*560,727* Not available NTIS

**PATENT-4 523 327**
Multi-Color X-Ray Line Source.
PATENT-4 523 327 **26**-*561,723* Not available NTIS

**PATENT-4 523 359**
Machine with an Intermittently Rotating Table for the Performance of Work Operations.
PATENT-4 523 359 **26**-*561,207* Not available NTIS

**PATENT-4 523 469**
Laser Generation of Ultrasonic Waveform Reconstructions.
PATENT-4 523 469 **24**-*556,158* Not available NTIS

**PATENT-4 523 475**
Simultaneous Incremental Strain/Incremental Temperature Analog Device for, and Method, of Testing for Stress Response.
PATENT-4 523 475 **26**-*562,057* Not available NTIS

**PATENT-4 523 682**
Acoustic Particle Separation.
PATENT-4 523 682 **24**-*555,255* Not available NTIS

**PATENT-4 523 741**
Linear Motion Valve.
PATENT-4 523 741 **22**-*550,803* Not available NTIS

**PATENT-4 523 809**
Method and Apparatus for Generating a Structured Light Beam Array.
PATENT-4 523 809 **26**-*561,724* Not available NTIS

**PATENT-4 523 810**
Optical Fiber Coupling Method and Apparatus.
PATENT-4 523 810 **22**-*551,337* Not available NTIS

**PATENT-4 524 237**
Increased Voltage Photovoltaic Cell.
PATENT-4 524 237 **24**-*555,682* Not available NTIS

**PATENT-4 524 322**
Fiber Optic System for Measuring Electric Fields.
PATENT-4 524 322 **24**-*556,159* Not available NTIS

**PATENT-4 524 362**
Phase Coded Pulse Expander-Compressor.
PATENT-4 524 362 **24**-*556,227* Not available NTIS

**PATENT-4 524 363**
P2 Polyphase Code Expander-Compressor.
PATENT-4 524 363 **24**-*556,228* Not available NTIS

**PATENT-4 525 013**
Demountable Coaxial Electrical Connector for In-Line Amplifiers.
PATENT-4 525 013 **24**-*555,480* Not available NTIS

**PATENT-4 525 067**
Twin-Etalon Scanning Spectrometer.
PATENT-4 525 067 **21**-*549,062* Not available NTIS

**PATENT-4 526 586**
Microemulsions from Vegetable Oil and Aqueous Alcohol with 1-Butanol Surfactant as Alternative Fuel for Diesel Engines.
PATENT-4 526 586 **23**-*554,488* Not available NTIS

**PATENT-4 527 000**
Diolefin Pheromone Mimics as Disruptants of Sexual Communication in Insects.
PATENT-4 527 000 **23**-*552,468* Not available NTIS

**PATENT-4 527 092**
Multistage Spent Particle Collector and a Method for Making Same.
PATENT-4 527 092 **26**-*561,208* Not available NTIS

**PATENT-4 527 550**
Helical Coil for Diathermy Apparatus.
PATENT-4 527 550 **24**-*555,132* Not available NTIS

**PATENT-4 527 910**
Dual Clearance Squeeze Film Damper.
PATENT-4 527 910 **26**-*562,051* Not available NTIS

**PATENT-4 528 196**
Chelating Agents for the Treatment of Iron Overload.
PATENT-4 528 196 **24**-*555,163* Not available NTIS

**PATENT-4 528 386**
Synthesis of 2,4,8,10-Tetroxaspiro5,5undecane.
PATENT-4 528 386 **26**-*560,462* Not available NTIS

**PATENT-4 528 417**
Thermionic Photovoltaic Energy Converter.
PATENT-4 528 417 **26**-*560,861* Not available NTIS

**PATENT-4 528 506**
Ferromagnetic Resonance Probe Liftoff Suppression Apparatus.
PATENT-4 528 506 **26**-*561,292* Not available NTIS

**PATENT-4 528 549**
Bipolar Digitizer Having Compression Capability.
PATENT-4 528 549 **26**-*560,700* Not available NTIS

**PATENT-4 528 639**
Method of and Apparatus for Generating an Interstitial Point in a Data Stream Having an Even Number of Data Points.
PATENT-4 528 639 **26**-*560,701* Not available NTIS

**PATENT-4 528 641**
Variable Radix Processor.
PATENT-4 528 641 **26**-*560,702* Not available NTIS

**PATENT-4 528 660**
Multiplexed Data Stream Monitor.
PATENT-4 528 660 **26**-*560,703* Not available NTIS

**PATENT-4 528 978**
Solar Rocket Absorber.
PATENT-4 528 978 **26**-*562,056* Not available NTIS

**PATENT-4 529 358**
Vortex Generating Flow Passage Design for Increased Film Cooling Effectiveness.
PATENT-4 529 358 **26**-*561,701* Not available NTIS

**PATENT-4 530 602**
Interface Alignment System.
PATENT-4 530 602 **26**-*561,725* Not available NTIS

**PATENT-4 531 055**
Self Guarding Schottky Barrier Infrared Detector Array.
PATENT-4 531 055 **26**-*561,352* Not available NTIS

**PATENT-4 532 039**
Multi-Layer Coil Assembly Coaxially Mounted Around the Rotary Axis for Preparatory Countercurrent Chromatography.
PATENT-4 532 039 **24**-*556,160* Not available NTIS

**PATENT-4 532 122**
Anti-Trypanosomal Activity of Platinum Co-ordination Compounds.
PATENT-4 532 122 **26**-*560,390* Not available NTIS

**PATENT-4 532 215**
Isolation of Hepatitis A Virus Strain HM-175.
PATENT-4 532 215 **24**-*555,144* Not available NTIS

**PATENT-4 532 625**
Communications Network Status Information System.
PATENT-4 532 625 **25**-*558,883* Not available NTIS

**PATENT-4 532 797**
Instrumentation for Sensing Moisture Content of Material Using a Transient Thermal Pulse.
PATENT-4 532 797 **26**-*561,293* Not available NTIS

**PATENT-4 533 242**
Ranging System Which Compares an Object Reflected Component of a Light Beam to a Reference Component of the Light Beam.
PATENT-4 533 242 **26**-*561,294* Not available NTIS

**PATENT-4 533 675**
Carbamates of Colchicine for Treatment of Gout.
PATENT-4 533 675 **24**-*555,261* Not available NTIS

**PATENT-4 535 636**
Tensile Testing Apparatus.
PATENT-4 535 636 **26**-*561,295* Not available NTIS

**PATENT-4 536 114**
Variable Length Strut with Longitudinal Compliance and Locking Capability.
PATENT-4 536 114 **26**-*561,249* Not available NTIS

**PATENT-4 536 565**
Fire-Resistant Phosphorus Containing Polyimides and Copolyimides.
PATENT-4 536 565 **26**-*560,960* Not available NTIS

**PATENT-4 537 554**
Shuttle Car Loading System.
PATENT-4 537 554 **26**-*560,633* Not available NTIS

**PATENT-4 537 834**
Metal (2) 4,4',4',4'' Phthalocyanine Tetraamines as Curing Agents for Epoxy Resins.
PATENT-4 537 834 **26**-*560,463* Not available NTIS

**PATENT-4 538 066**
Modulated Voltage Metastable Ionization Detector.
PATENT-4 538 066 **26**-*561,296* Not available NTIS

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Oxidizing Seal for a Turbine Tip Gas Path.
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Aircraft Accident Report - Pilgrim Airlines, Inc., Fokker F27-100, N148PM, John F. Kennedy International Airport, Jamaica, New York, January 13, 1984.
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Aircraft Accident Report - Air Canada Flight 965, Lockheed L-1011, C-FTNJ, near Charleston, South Carolina, November 24, 1983.
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PB84-916205 **04**-*509,813* PC **A03**/MF **A01**

**PB84-916206**
Highway Accident Report - Activity Bus/Tractor-Cargo Tank Semitrailer Collision, State Route 61 Near Devers, Texas, December 23, 1983.
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PB84-916608 **11**-*524,648* PC **A04**/MF **A01**

**PB84-916609**
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PB84-916609 **13**-*528,302* PC **A03**/MF **A01**

**PB84-916610**
Transportation Safety Recommendations Adopted during the Month of October, 1984.
PB84-916610 **13**-*528,303* PC **A03**/MF **A01**

**PB84-916611**
Transportation Safety Recommendations Adopted during the Month of November, 1984.
PB84-916611 **13**-*528,304* PC **A05**/MF **A01**

**PB84-916612**
Transportation Safety Recommendations Adopted during the Month of December, 1984.
PB84-916612 **13**-*528,305* PC **A02**/MF **A01**

**PB84-916702**
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PB84-916702 **07**-*514,501* PC **A15**/MF **A01**

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PB84-916703 **07**-*514,502* PC **A15**/MF **A01**

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PB84-923003 **01**-*500,667* PC**$9.50**/MF **A01**

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Cuba (Map No. 502988).
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Directory of Officials of the Hungarian People's Republic.
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Directory of East German Officials.
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Iran-Iraq Central and Southern Border Areas (Map No. 504634).
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Tunisia (Map No. 500587).
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Red Sea (Map No. 800166) and Golan Heights: Israeli Settlements (Map No. 504652).
PB84-928035 **01**-*501,157* PC **E02**

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Saudi Arabia (Map No. 503718).
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West Africa (Map No. 505000).
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World (Map No. 800137).
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Iraq (Map No. 503930).
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Vatican City (Map No. 800051); Ethiopia (Map No. 504020), and Qatar (Map No. 504551).
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Far East (Map No. 800123) and East Asia and Oceania (Map No. 800144).
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**PB84-928043**
Southwest Asia (Map. No. 504679).
PB84-928043 **03**-*505,937* PC **E02**

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Diego Garvia (Map No. 504588); Latin America (Map No. 800183); Yemen (Sana) (Map No. 504378) and Kuwait (Map No. 502915).
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PB84-928048 **06**-*512,824* PC **E07**/MF **A01**

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Zhongguo Pinyin Ditu (Map no. 702542).
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Republic of China (Map. No. 503567).
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Heat Pipe Oven Molecular Beam Source.
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Nonmetropolitan Energy Use in 1978 by Category of Use and Form of Energy.
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Influence of Soil Type and Gradation on the Thermal Resistivity of Soils,
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Update of Federal Activities Regarding the Use of Pneumococcal Vaccine.
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Overview of the U.S. EPA (Environmental Protection Agency) Electrostatic Particulate Research and Development Program,
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Waterborne Disease Outbreaks in Individual Water Systems in the United States, 1920-80,
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Models for Excystation,
PB85-128189 **05**-*510,992* PC **A03**/MF **A01**

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Sampling and Analysis of Atmospheric Aerosols,
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Logging Railroads of the Lincoln National Forest, New Mexico.
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Evaluation of the Forage Value Index.
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Impact of Alternative Federal Grazing Fees on Western Livestock Businesses.
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Author Index to Dissertations on Fibre Reinforced Plastics: A Listing Containing 1233 References,
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**05**-*511,884*
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**PB85-138352**

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**PB85-138360**

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PB85-138378 **07**-*515,235* PC **E04**/MF **E04**

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**PB85-139335**
Tensile and Creep Properties of DT2906: Dispersion-Strengthened Ferritic Steel Tubes,
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Some Issues in Dynamic Modelling and Forecasting,
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Estimation of Annual Flow from Short Period Traffic Counts.
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Modelling the Car Market.
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Implementation of QR Factorization on the DAP Using Householder Transformations,
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Unvented Hot Water Systems.
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Quality Assurance in Building Services.
PB85-139418 **06**-*513,693* PC **E03**/MF **E03**

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Water Quality Modelling, Forecasting and Control,
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Incineration of Municipal Refuse.
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Efficient Sorting Routines in FORTRAN 77,
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CCOPY: A File Supply and Text Plant Utility on the R.A.L. (Rutherford Appleton Laboratory) HEP VAX Computers,
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Measurement and Fitting of Spectrum and Pulse Shapes of a Liquid Methane Moderator at IPNS,
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Runway Capacity of Major Airports (with Special Reference to Heathrow),
PB85-139533 **06**-*512,672* PC **E04**/MF **E04**

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Composite Stochastic Motions of Single Particles,
PB85-139541 **06**-*514,185* PC **E03**/MF **E03**

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Examples in the Use of the Finite Element Library: Non-Linear Magnetostatic Solution,
PB85-139558 **06**-*514,070* PC **E04**/MF **E04**

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Newcastle Connection: A Software Subsystem for Constructing Distributed UNIX Systems.
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Long-Range Predictive Control Using Weighting-Sequence Models,
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Subcooled Flow Boiling at High Heat Flux,
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Effect of Hydrostatic Pressure on the Tensile Properties of Alpha Uranium,
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Efficiency of an Etoile Flow Straightener in Non-Symmetric Swirling Flow Upstream of Orifice Plates,
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Creep Characterization of a Type 316 Austenitic Steel,
PB85-139665 **07**-*515,001* PC **E04**/MF **E04**

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Accessibility and Public Transport Use.
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Behavior of Fibre-Reinforced Composites under Dynamic Tension,
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Optimal Stochastic LQ Control with Measurements Displaced in Time,
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H(Sup Infinity Symbol) -Minimax Approach to the Design of Robust Control Systems,
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Sample Size Required to be Sure That an Increase of Percent Defectives by a Factor F Will Be Labelled ‘Significant’ in 90% of the Cases,
PB85-139723 **06**-*513,675* PC **E03**/MF **E03**

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Density Fluctuations in Simple Fluids,
PB85-139731 **06**-*514,035* PC **E03**/MF **E03**

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Nuclear Effects in Deep Inelastic Lepton Scattering,
PB85-139749 **07**-*515,565* PC **E03**/MF **E03**

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Derivative Expansions of Fermion Determinants: Anomaly-Induced Vertices, Goldstone-Wilczek Currents, and Skyrme Terms,
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Deconfining Transitions in 2+ 1 Dimensional SU(3) and SU(4) Gauge Theories,
PB85-139764 **07**-*515,575* PC **E03**/MF **E03**

**PB85-139772**
Scales of Deconfinement,
PB85-139772 **07**-*515,567* PC **E03**/MF **E03**

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Reliable Stable Storage System for UNIX (Trade Name).
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Communication System Supporting Large Datagrams on a Local Area Network.
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**PB85-146892**
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PB85-146892 **08**-*517,236* PC **E03**/MF **E03**

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What Psi Yields (gamma)(gamma) V can Teach Us about Gluons and Quarks,
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Selected Papers from the Annual Meeting of the British Association for the Advancement of Science Held at Norwich, England on September 10-14, 1984. Section I.
PB85-153211 **09**-*518,479* PC **E06**/MF **E06**

**PB85-153229**

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PB85-153229 **09**-*518,480* PC **E05**/MF **E05**

**PB85-153237**

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PB85-153237 **10**-*521,114* PC **E12**/MF **E12**

**PB85-153245**

Temporal and Spatial Study of Invertebrate Communities Associated with Hard-Bottom Habitats in the South Atlantic Bight,
PB85-153245 **10**-*521,797* PC **A06**/MF **A01**

**PB85-153252**

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PB85-153252 **12**-*526,272* PC **A02**/MF **A01**

**PB85-153260**

Grandparents' Role in the Divorce Process,
PB85-153260 **09**-*518,598* PC **A03**/MF **A01**

**PB85-153278**

Mental Health Knowledge and Skills Transfer.
PB85-153278 **09**-*518,599* PC **A02**/MF **A01**

**PB85-153286**

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PB85-153286 **09**-*518,405* PC **A04**/MF **A01**

**PB85-153294**

Pavement-Marking Materials: New York's Experience.
PB85-153294 **10**-*522,340* PC **A02**/MF **A01**

**PB85-153302**

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PB85-153302 **10**-*522,288* PC **A03**/MF **A01**

**PB85-153310**

Performance Evaluation of Experimental Paint-Stripe Beads.
PB85-153310 **09**-*519,709* PC **A02**/MF **A01**

**PB85-153328**

Evaluation of Dust Sources and Control Techniques for Conventional Mining. Vol. 1. Field Studies.
PB85-153328 **09**-*519,039* PC **A04**/MF **A01**

**PB85-153336**

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PB85-153336 **09**-*519,040* PC **A04**/MF **A01**

**PB85-153344**

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PB85-153344 **09**-*519,718* PC **A04**/MF **A01**

**PB85-153351**

Transportation and Land Development Issues,
PB85-153351 **09**-*519,674* PC **A03**/MF **A01**

**PB85-153369**

Interracial Behavior in a Desegregated School,
PB85-153369 **09**-*518,585* PC **A02**/MF **A01**

**PB85-153377**

Transcutaneous Electrical Nerve Stimulation for Acute Pain Treatment for Ambulatory Patients.
PB85-153377 **09**-*518,679* PC **A02**/MF **A01**

**PB85-153385**

Hyperbaric Oxygen Therapy for Acute Cerebral Edema.
PB85-153385 **09**-*518,680* PC **A02**/MF **A01**

**PB85-153393**

Hyperbaric Oxygen in Treatment of Severed Limbs.
PB85-153393 **09**-*518,681* PC **A02**/MF **A01**

**PB85-153401**

Performance of Preformed Pavement-Marking Tapes.
PB85-153401 **10**-*522,341* PC **A04**/MF **A01**

**PB85-153419**

Summary Report on PVC (Polyvinyl Chloride) Contraction Joint-Forming Waterstops,
PB85-153419 **09**-*519,713* PC **A02**/MF **A01**

**PB85-153427**

Evaluation of New Canal Point Sugarcane Clones, 1983-84 Harvest Season,
PB85-153427 **09**-*518,383* PC **A03**/MF **A01**

**PB85-153435**

Techniques for Producing and Measuring Water Drops: A Literature Review,
PB85-153435 **09**-*519,829* PC **A02**/MF **A01**

**PB85-153443**

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PB85-153443 **07**-*515,076* PC **A05**/MF **A01**

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PB85-153468 **09**-*519,320* PC **E06**/MF **E01**

**PB85-153476**

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PB85-153476 **09**-*519,781* PC **A19**/MF **A01**

**PB85-153484**

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PB85-153484 **09**-*519,675* PC **A04**/MF **A01**

**PB85-153492**

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PB85-153492 **09**-*519,676* PC **A20**/MF **A01**

**PB85-153500**

Mechanisms of Chlorine Decay in Estuarine Water.
PB85-153500 **10**-*521,741* PC **A07**/MF **A01**

**PB85-153518**

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PB85-153518 **09**-*518,614* PC **A02**/MF **A01**

**PB85-153526**

Electrophysiological Detection of Sublethal Neurotoxic Effects in Intact Earthworms,
PB85-153526 **09**-*518,615* PC **A03**/MF **A01**

**PB85-153534**

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PB85-153534 **09**-*519,677* PC **A02**/MF **A01**

**PB85-153542**

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PB85-153542 **09**-*518,941* PC **A02**/MF **A01**

**PB85-153559**

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PB85-153559 **09**-*519,678* PC **A02**/MF **A01**

**PB85-153567**

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PB85-153567 **09**-*519,679* PC **A02**/MF **A01**

**PB85-153575**

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PB85-153575 **09**-*519,680* PC **A02**/MF **A01**

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PB85-153583 **10**-*521,030* Not available NTIS

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PB85-153641 **17**-*537,494* PC **A03**/MF **A01**

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PB85-153658 **17**-*537,495* CP **T02**

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PB85-153724 **09**-*518,682* PC **A03**/MF **A01**

**PB85-153732**

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PB85-153732 **09**-*519,681* PC **E04**/MF **E01**

**PB85-153740**

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PB85-153740 **09**-*519,682* PC **E05**/MF **E01**

**PB85-153757**

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PB85-153757 **10**-*521,115* PC **A02**/MF **A01**

**PB85-153765**

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PB85-153765 **10**-*522,429* PC **A08**/MF **A01**

**PB85-153773**

Synopsis of Biological Data on the Spottail Pinfish, 'Diplodus holbrooki' (Pisces: Sparidae),
PB85-153773 **09**-*518,964* PC **A02**/MF **A01**

**PB85-153781**

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PB85-153781 **10**-*521,116* PC **A05**/MF **A01**

**PB85-153799**
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PB85-153799 **09**-*519,683* PC **A03**/MF **A01**

**PB85-153807**
Waterwaliteitsbeoordeling van Enkele Zeeuwse Watergangen op grond van hun Macrofaunasamenstelling (Evaluation of Water Quality of a Few Zealand Waterways Based on their Macrofauna Population),
PB85-153807 **09**-*518,616* PC **E04**/MF **E01**

**PB85-153823**
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PB85-153823 **10**-*521,526* PC **A02**/MF **A01**

**PB85-153831**
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PB85-153831 **10**-*521,421* PC **A07**/MF **A01**

**PB85-153849**
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PB85-153849 **08**-*517,068* PC **A04**/MF **A01**

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PB85-153856 **10**-*523,171* PC **A03**/MF **A01**

**PB85-153864**
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PB85-153864 **10**-*521,659* PC **A03**/MF **A01**

**PB85-153872**
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PB85-153872 **10**-*523,172* PC **A03**/MF **A01**

**PB85-153880**
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PB85-153880 **10**-*522,342* PC **A09**/MF **A01**

**PB85-153898**
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PB85-153898 **10**-*521,527* PC **A05**/MF **A01**

**PB85-153906**
Review of National Emission Standards for Mercury.
PB85-153906 **10**-*522,289* PC **A04**/MF **A01**

**PB85-153914**
Computer Prediction of Degree of Injury Received by a Forward Positioned Child Due to Airbag Deployment Forces.
PB85-153914 **10**-*522,430* PC **A03**/MF **A01**

**PB85-153922**
Hurricane Research Division Fiscal Year 1984 Programs - Fiscal Year 1985 Projections.
PB85-153922 **10**-*521,092* PC **A04**/MF **A01**

**PB85-153930**
Test Procedure for Container Specification 49 CFR 178.33a Inside Non-Refillable Metal Containers (2Q).
PB85-153930 **10**-*522,352* PC **A02**/MF **A01**

**PB85-153948**
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PB85-153948 **10**-*521,093* PC **A11**/MF **A01**

**PB85-153955**
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PB85-153955 **10**-*522,290* PC **A08**/MF **A01**

**PB85-153963**
Selected Papers from the Annual Meeting of the British Association for the Advancement of Science Held at Norwich, England on September 10-14, 1984. Section J.
PB85-153963 **09**-*518,481* PC **E12**/MF **E12**

**PB85-153971**
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PB85-153971 **10**-*521,117* PC **E08**/MF **E08**

**PB85-153989**
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PB85-153989 **09**-*518,482* PC **E11**/MF **E11**

**PB85-153997**
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PB85-153997 **09**-*518,483* PC **E09**/MF **E09**

**PB85-154003**
Physikalische Grenzen fuer IR-Sichtgeraete (Physical Boundaries for IR Video Receivers),
PB85-154003 **10**-*522,979* PC **E04**/MF **E01**

**PB85-154011**
Possibilites Comparees au Cuivre de l'Emploi du Tantale Comme Materiau de Revetement de Charge Creuse (Possibility of Using Tantalum as a Material for Hollow-Charge Lining Compared to Copper) (Moeglichkeit der Anwendung von Tantal als Material der Hohlladungsverkleidung im Vergleich zu Kupfer),
PB35-154011 **10**-*522,902* PC **E04**/MF **E01**

**PB85-154029**
Calcul des Caracteristiques de Fragmentation d'un Jet de Charge Creuse. Cas Particulier de Jets en Cuivre pour Differents Calibres et Comparaison avec des Resultats Experimentaux (Calculation of Fragmentation Properties of a Hollow-Charge Jet. Special Case of Copper Jets for Different Calibers and Comparison with Experimental Results) (Berechnung der Zersplitterungseigenschaften eines Hohlladungsstrahls. Besonderer Fall mit Kupferstrahlen von Verschiedenen Kalibern und Vergleich mit Experimentellen Ergebnissen),
PB85-154029 **10**-*522,903* PC **E04**/MF **E01**

**PB85-154037**
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PB85-154037 **10**-*522,390* PC **E04**/MF **E01**

**PB85-154045**
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PB85-154045 **10**-*522,353* PC **A03**/MF **A01**

**PB85-154052**
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PB85-154052 **10**-*522,354* PC **A02**/MF **A01**

**PB85-154060**
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PB85-154060 **10**-*521,169* PC **A07**/MF **A01**

**PB85-154078**
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PB85-154078 **10**-*521,170* PC **A03**/MF **A01**

**PB85-154086**
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PB85-154086 **10**-*522,291* PC **A04**/MF **A01**

**PB85-154094**
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PB85-154094 **10**-*521,528* PC **A02**/MF **A01**

**PB85-154102**
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PB85-154102 **09**-*519,684* PC **A09**/MF **A01**

**PB85-154110**
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PB85-154110 **09**-*519,685* PC **A08**/MF **A01**

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PB85-154128 **10**-*521,529* PC **A03**/MF **A01**

**PB85-154136**
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PB85-154136 **10**-*521,268* PC **A06**/MF **A01**

**PB85-154144**
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PB85-154144 **09**-*519,041* PC **A09**/MF **A01**

**PB85-154151**
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PB85-154151 **10**-*521,883* PC **A04**/MF **A01**

**PB85-154169**
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PB85-154169 **09**-*518,484* PC **E06**/MF **E06**

**PB85-154177**
Selected Papers from the Annual Meeting of the British Association for the Advancement of Science Held at Norwich, England on September 10-14, 1984. Section W.
PB85-154177 **09**-*518,384* PC **E04**/MF **E04**

**PB85-154185**
Selected Papers from the Annual Meeting of the British Association for the Advancement of Science Held at Norwich, England on September 10-14, 1984. Section K.
PB85-154185 **09**-*518,485* PC **E04**/MF **E04**

**PB85-154193**
Selected Papers from the Annual Meeting of the British Association for the Advancement of Science Held at Norwich, England on September 10-14, 1984. Section B.
PB85-154193 **09**-*518,486* PC **E05**/MF **E05**

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PB85-154201 **09**-*518,997* PC **A11**/MF **A01**

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PB85-154219 **09**-*518,998* PC **A12**/MF **A01**

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PB85-154227 **09**-*519,686* PC **E16**/MF **E01**

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PB85-154235 **09**-*519,687* PC **E14**/MF **E01**

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PB85-154243 **09**-*519,688* PC **E16**/MF **E01**

**PB85-154250**
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PB85-154250 **09**-*519,689* PC **E16**/MF **E01**

**PB85-154268**
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PB85-154268 **09**-*520,751* PC **E03**/MF **E01**

**PB85-154276**
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PB85-154276 **12**-*528,099* PC **E03**/MF **E01**

**PB85-154284**
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PB85-154284 **10**-*523,173* PC **E04**/MF **E01**

**PB85-154292**
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PB85-154292 **10**-*521,269* PC **A14**/MF **A01**

**PB85-154300**
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PB85-154300 **10**-*522,355* PC **A03**/MF **A01**

**PB85-154318**
Test Procedure for Container Specification 49 CFR 178.17, Non-Reusable Glass Carboys (1M).
PB85-154318 **10**-*522,356* PC **A03**/MF **A01**

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PB85-154326 **09**-*518,999* PC **A12**/MF **A01**

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PB85-154334 **09**-*518,816* PC **E08**/MF **E01**

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PB85-154342 **10**-*522,454* PC **A99**/MF **E12**

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**PB85-154375**
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PB85-154375 **10**-*520,988* PC **A03**/MF **A01**

**PB85-154383**
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PB85-154383 **10**-*520,996* PC **A05**/MF **A01**

**PB85-154391**
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PB85-154391 **10**-*521,530* PC **A05**/MF **A01**

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PB85-154409 **10**-*522,431* PC **A06**/MF **A01**

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PB85-154417 **09**-*518,516* PC **A10**/MF **A01**

**PB85-154425**
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PB85-154425 **09**-*518,942* PC **A07**/MF **A01**

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PB85-154433 **09**-*519,749* PC **E08**/MF **E01**

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PB85-154441 **10**-*521,401* PC **E14**/MF **E01**

**PB85-154458**
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PB85-154458

**10**-*521,395* (Order as PB85-154441, PC **E14**/MF **E01**)

**PB85-154466**

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PB85-154466 **10**-*521,396* (Order as PB85-154441, PC **E14**/MF **E01**)

**PB85-154474**

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PB85-154474 **10**-*521,397* (Order as PB85-154441, PC **E14**/MF **E01**)

**PB85-154482**

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PB85-154482 **10**-*521,601* (Order as PB85-154441, PC **E14**/MF **E01**)

**PB85-154490**

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PB85-154490 **10**-*521,602* (Order as PB85-154441, PC **E14**/MF **E01**)

**PB85-154508**

Fermentation Utilizing Carbon Dioxide as Raw Material,

PB85-154508 **10**-*521,398* (Order as PB85-154441, PC **E14**/MF **E01**)

**PB85-154516**

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PB85-154516 **10**-*521,603* (Order as PB85-154441, PC **E14**/MF **E01**)

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PB85-154524 **11**-*523,611* PC **E17**/MF **E01**

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PB85-154532 **09**-*518,965* PC **E03**/MF **E01**

**PB85-154540**

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PB85-154540 **09**-*518,683* PC **A02**/MF **A01**

**PB85-154557**

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PB85-154557 **10**-*521,305* PC **A03**/MF **A01**

**PB85-154565**

Sibling Influences on the Career Plans of Male and Female Youth.

PB85-154565 **10**-*521,346* PC **A04**/MF **A01**

**PB85-154573**

University Business Assistance Center of Oklahoma: A Program of Management of Technical Assistance in Oklahoma.

PB85-154573 **10**-*521,171* PC **A04**/MF **A01**

**PB85-154581**

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PB85-154581 **07**-*514,725* PC **A09**/MF **A01**

**PB85-154599**

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PB85-154599 **09**-*518,487* PC **E09**/MF **E09**

**PB85-154607**

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PB85-154607 **10**-*521,270* PC **A05**/MF **A01**

**PB85-154615**

Appointments to Professional and Administrative Career Positions.

PB85-154615 **10**-*521,306* PC **A03**/MF **A01**

**PB85-154623**

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PB85-154623 **10**-*521,922* PC **E03**/MF **E01**

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PB85-154649 **10**-*521,173* PC **A06**/MF **A01**

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Model Order Determination for State Space Control Design Methods,
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Drinking Water Source and Risk of Bladder Cancer: A Case-Control Study,
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Automated Closed Loop Control of Ozone Disinfection Using Flow-Paced Off-Gas Measurement,
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CETIS: Complex Effluents Toxicity Information System. Data Encoding Guidelines and Procedures,
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Water Chlorination: Crossroad of Uncertainties and Decisions,
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Analysis of the Spectra of Genetic Activity Produced by Known or Suspected Human Carcinogens.
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Modelisation d'Ecoulements des Foyers de Turbomachine (Model Representation of Flows in Turbo Engine Centers),
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Tropical Timbers of the World,
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Avion de Recherches Atmospheriques (Atmospheric Research Plane),
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Calcul des Jets Confines dans les Conduits Cylindriques ou Divergents (Calculation of Confined Jets in Cylindrical or Divergent Ducts),
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Theory, Design and Operation of Nutrient Removal Activated Sludge Processes.
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Correlations between Selection Ratings and Success as Army Aviators (Korrelationer Mellan Skattning vid Uttagning och Framgang som Armeflygfoerare),
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PB85-157170 10-*522,509* PC **E03**/MF **E03**

**PB85-157188**

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**PB85-157295**

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Emission Inventory Applications to Regional Acid Deposition Modeling,
PB85-157386 10-*522,317* PC **A02**/MF **A01**

**PB85-157394**

Zinc, Copper, and Manganese Deficiencies in Prenatal and Neonatal Development, with Special Reference to the Central Nervous System,
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**PB85-157402**

Response of Estuarine Diatom Assemblages to Ultraviolet-B Radiation (290-320 nm),
PB85-157402 10-*521,801* PC **A02**/MF **A01**

**PB85-157410**

Water Use and Reuse Opportunities and Costs at Oil Shale Plants.
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**PB85-157428**

Streptokinase Infusion for Acute Myocardial Infarction.
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**PB85-157436**

Functional Impairment and Structural Cervical Injuries in Human Surrogates.
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**PB85-157444**

Issues in Monitoring Population Exposures,
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**PB85-157451**

Pretest and Refinement of Items for Alcohol Highway Safety Surveys.
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**PB85-157469**

Hybrid Propulsion Technologies for Urban Bus Transit.
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Algorithms for Computation of Ground-Wave Field Strength.
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Study on Vanadium in Workers from Oil Fired Power Plants.
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Certification of Polycyclic Aromatic Compounds, Part 5: BCR (Community Bureau of Reference) Reference Materials, Nos. 153, 154, 155, 156, 157, 158, 159, 160, 161, and 177,
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Optimization of the Advanced Alkaline Water Electrolysis,
PB85-157543 10-*521,747* PC **E03**/MF **E03**

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Pilot Test Application for Ozone/Ultraviolet Light Reactor for Industrial Process Water.
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Design of a Water Resources Training Program for Operation, Maintenance and Management,
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Treatment of Leachate-Contaminated Groundwater with an Interception Trench.
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**PB85-157626**

Delineating the Sodium Hazard of Irrigation Waters on Four Northern Great Plains Soils.
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**PB85-157642**

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**PB85-157659**

Adsorption of Anionic and Cationic Metals by Non-Ionic Polymeric Resins.
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Breeding and Selection of Alfalfa for Improved Performance Under Less Than Optimum Moisture Conditions.
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**PB85-157816**
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**PB85-157824**
Effect of Ash Fallout on Water Quality in Western Montana.
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**PB85-157832**
Development of a Predictive Irrigation Scheduling Index Using Electrophytograms.
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**PB85-157840**
Water Code for Virginia,
PB85-157840 **12**-*526,124* PC **A19**/MF **A01**

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ENTEX VIII - Experience de Plongee Fictive Profonde a 46 ATA (450 m) avec 12 Jours de Sejour au Fond et Travail en Position Immergee (ENTEX VIII - Experimental Simulated Dives at 46 ATA (450 meters) with a 12 Day Stay at Bottom and with Muscular Exercise in Water Conditions).
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**PB85-157873**
Laser d Cathode Creuse en Cuivre (Laser with Hollow Copper Cathode),
PB85-157873 **10**-*522,972* PC **E03**/MF **E03**

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Simulations Numeriques d'Ecoulements Fluides Visqueux dans les Entrees d'Air a Grande Incidence (Numerical Simulations of Viscous Fluid Flows in Air Inlets at High Incidence),
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**PB85-157964**
Mesure des Vitesses et des Grandeurs Turbulentes dans un Jet Libre Non Excite (Measurement of Velocities and Turbulence Values in a Non-Excited Free Jet) (Messung von Geschwindigkeiten und Turbulenzgroessen in einem Nichtangeregten Freistrahl),
PB85-157964 **10**-*522,959* PC **E04**/MF **E04**

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Northeast Corridor Improvement Project: Bank Street Waterfront, New London, Connecticut,
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Employment Dimensions of the Urban Development Action Grant Program,
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**PB85-158228**
Effect of Water Meters on Water Use,
PB85-158228 **10**-*522,319* PC **A04**/MF **A01**

**PB85-158236**
Water Saved by Low-Flush Toilets and Low-Flow Shower Heads,
PB85-158236 **10**-*522,320* PC **A04**/MF **A01**

**PB85-158244**
Effect of Water Pressure on Water Use,
PB85-158244 **10**-*522,321* PC **A04**/MF **A01**

**PB85-158251**
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PB85-158251 **10**-*522,322* PC **A04**/MF **A01**

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PB85-158350 **10**-*521,364* PC **A03**/MF **A01**

**PB85-158368**
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PB85-158665 **10**-*521,374* PC **A03**/MF **A01**

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PB85-158715 **10**-*521,376* PC **A03**/MF **A01**

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PB85-158723 **10**-*521,205* PC **A03**/MF **A01**

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Analysis of Multifamily Rehabilitation Subsidy Costs Using Section 167 (k) of the Internal Revenue Code,
PB85-158731 **10**-*521,206* PC **A03**/MF **A01**

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PB85-158749 **10**-*521,377* PC **A06**/MF **A01**

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**PB85-160356**

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PB85-160356 **11**-*524,651* PC **A07**/MF **A01**

**PB85-160364**

Simulation Modeling as a Means of Studying Large Aquatic Ecosystems.
PB85-160364 **11**-*524,061* Not available NTIS

**PB85-160372**

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**PB85-160380**

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**PB85-160398**

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**PB85-160406**

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**PB85-160414**

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**PB85-160422**

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**PB85-160448**

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PB85-160448 **10**-*521,766* PC **A02**/MF **A01**

**PB85-160455**

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PB85-160455 **11**-*523,916* PC **A03**/MF **A01**

**PB85-160463**

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**PB85-160471**

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PB85-160471 **10**-*521,802* PC **A04**/MF **A01**

**PB85-160489**

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PB85-160489 **11**-*524,652* PC **A03**/MF **A01**

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PB85-160497 **10**-*521,384* PC **A12**/MF **A01**

**PB85-160505**

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PB85-160521 **10**-*522,018* PC **E03**/MF **E03**

**PB85-160539**

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PB85-160596 **10**-*521,278* PC **A08**/MF **A01**

**PB85-160604**

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PB85-160604 **08**-*517,225* PC **A04**/MF **A01**

**PB85-160612**

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PB85-160612 **08**-*516,546* PC **A07**/MF **A01**

**PB85-160620**

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PB85-160620 **11**-*523,687* PC **A05**/MF **A01**

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**PB85-160646**

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PB85-160646 **10**-*522,448* PC **A05**/MF **A01**

**PB85-160653**

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**PB85-160661**
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PB85-160661 **13**-*529,051* PC **A05**/MF **A01**

**PB85-160679**
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PB85-160687 **10**-*521,547* PC **A03**/MF **A01**

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PB85-160695 **08**-*517,324* PC **A08**/MF **A01**

**PB85-160703**
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PB85-160752 **11**-*523,938* PC **A03**/MF **A01**

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**PB85-160802**
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PB85-172617 **13**-*529,781* PC **A09**/MF **A01**

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PB85-172625 **13**-*529,070* PC **A03**/MF **A01**

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PB85-172641 **13**-*529,840* PC **A03**/MF **A01**

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PB85-172658 **13**-*529,668* PC **A05**/MF **A01**

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PB85-172682 **16**-*536,254* PC **A07**/MF **A01**

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PB85-172690 **16**-*536,255* CP **T03**

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PB85-172724 **15**-*533,724* CP **T02**

**PB85-172732**
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PB85-172732 **16**-*536,489* CP **T02**

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PB85-172740 **16**-*536,490* CP **T02**

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Mesures de Vitesse et de Concentration dans les Jets Libres (Measurement of Speed and Particle Concentration in Free Jets) (Messung der Geschwindigkeit und Teilchenkonzentration in Freistrahlen).
PB85-172765 **13**-*530,331* PC **E04**/MF **E04**

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Etude de la Zone Primaire des Foyers de Turbomachines (Study of the Primary Zone of Turbo Engine Centers).
PB85-172773 **13**-*530,683* PC **E04**/MF **E04**

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PB85-172781 **13**-*528,936* PC **E04**/MF **E04**

**PB85-172799**
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PB85-172799 **13**-*529,208* PC **E04**/MF **E04**

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PB85-172807 **12**-*527,090* PC **E04**/MF **E04**

**PB85-172815**
Qualification de la Balance de Paroi du Chariot 1 de S1MA, Adaptee pour les Essais de 1/2 Maquettes Motorisees par Turbines a Air Comprime (TPS)(Qualification of the Wall Balance of the S1MA Carrier, Adapted to 1/2 Motorized TPS Models).
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**PB85-172823**
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**PB85-172831**
Mecanique de la Rupture des Materiaux Ceramiques a Renfort Fibreux (Mechanism of Ceramic Material Rupture with Fibrous Reinforcements).
PB85-172831 **12**-*527,068* PC **E05**/MF **E05**

**PB85-172849**
Etude Holographique de la Pulverisation Produite par un Injecteur de Moteur VIKING (Holographic Study of Pulverization Produced by a VIKING Motor Injector Nozzle) (Holographische Untersuchung der Durch Eine Einspritzduese des Triebwerks VIKING Erzeugten Zerstaeubung).
PB85-172849 **12**-*528,257* PC **E04**/MF **E04**

**PB85-172856**
Possibilites des Moyens Actuels de Pilotage pour la Realisation d'Essais de Bruit avec Adjonction de Raies Sinus ou de Bruit a Bande Etroite (Possibilities of Present Piloting Means for the Execution of Noise Tests with the Addition of Sinus Rays or Narrow-Band Noise).
PB85-172856 **12**-*526,955* PC **E04**/MF **E04**

**PB85-172864**
Etude Numerique de la Rupture Ductile en Deformations Planes (Numerical Study of Ductile Rupture in Plane Deformations).
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**PB85-172872**
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PB85-172872 **13**-*529,440* PC **E04**/MF **E04**

**PB85-172880**

Endommagement Mecanique des Verres par Rayonnement Laser Continu ou Impulsionnel (Mechanical Damages to Glasses by Continuous or Pulsed Laser Radiation),
PB85-172880 **13**-*529,441* PC **E04**/MF **E04**

**PB85-172898**

Etude de l'Allumage au Calibre 120 mm 1re Partie: Description et Experimentation de l'Installation (Investigation of the Ignition Process in the 120 mm Caliber. Part 1. Description and Testing of Test Facility) (Untersuchung des Anzuendvorgangs im Kaliber 120 mm, 1. Teil: Beschreibung und Erprobung der Versuchsanlage),
PB85-172898 **12**-*528,117* PC **E04**/MF **E04**

**PB85-172906**

Full-Scale Carbon Adsorption Applications Study.
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Field Measurements with the TAMS-2B and Development of Methods for Measuring HCHO, NH3, and HONO in Real Air,
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Application of Climatological Analysis to Minimize Air Pollution Impacts in California.
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Cablegation Systems for Irrigation: Description, Design, Installation, and Performance,
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**PB85-173086**

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**PB85-173474**

Reaction Mechanisms in the Reduction of Winterveld Chrome Spinel with Graphite and Carbon,
PB85-173474 **13**-*529,504* PC **E04**/MF **E01**

**PB85-173482**

Western Maryland Power Plant Siting Study: Socioeconomic Impact Assessment of Three Candidate Sites.
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**PB85-173490**

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Index for Selecting RC and D (Resource Conservation and Development) Projects and Allocating Program Funds,
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Silvical Characteristics of Subalpine Fir.
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Assessment of the Role of Nitrogen Oxides in Nonurban Ozone Formation,
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**PB85-173748**

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**PB85-173763**

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PB85-174019 **14**-*532,218* PC **E04**/MF **E01**

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PB85-188837 **16**-*536,282* PC **A07**/MF **A01**

**PB85-188845**
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**PB85-188977**
Determination of Bensulide in Industrial and Municipal Wastewaters.
PB85-188977 **16**-*535,872* PC **A03**/MF **A01**

**PB85-188985**
Determination of Oryzalin in Industrial and Municipal Wastewaters.
PB85-188985 **16**-*535,873* PC **A03**/MF **A01**

**PB85-188993**
Determination of Rotenone in Industrial and Municipal Wastewaters.
PB85-188993 **16**-*535,874* PC **A03**/MF **A01**

**PB85-189009**
Determination of Thiocarbamates in Industrial and Municipal Wastewater - Butylate, Cycloate, EPTC, Molinate, Pebulate, and Vernolate.
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**PB85-189017**
Determination of Thiophosphates in Industrial and Municipal Wastewaters - Aspon, Dichlofenthion, Famphur, Fenitrothion, Fonophos, Phosmet, and Thionazin.
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**PB85-189033**
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**PB85-189173**
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PB85-189173 **17**-*537,065* PC **A10**/MF **A01**

**PB85-189181**
Smear Layer: Removal and Bonding Considerations.
PB85-189181 **16**-*535,701* Not available NTIS

**PB85-189199**
Maturity Method: Theory and Application.
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**PB85-189207**
Electron-Impact Excitation of Li II: A Model Study of Wave-Function and Collisional Approximations and of Resonance Effects.
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**PB85-189215**
Epitaxial Crystal Growth in Gadolinium on Tungsten.
PB85-189215 **15**-*534,748* Not available NTIS

**PB85-189223**
'Surface Self-Diffusion of Dysprosium and Gadolinium'.
PB85-189223 **15**-*534,749* Not available NTIS

**PB85-189231**
Evaluation of Dose Equivalent Per Unit Fluence for a D2O-Moderated 252Cf Neutron Source.
PB85-189231 **15**-*534,574* Not available NTIS

**PB85-189249**
Importance of Product Labeling.
PB85-189249 **15**-*534,722* Not available NTIS

**PB85-189256**
Upgrading Plumbing Vent Systems in Rehab Buildings.
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**PB85-189264**
Laser Studies of Near-Resonant State-Changing Collisions of Calcium 4s6s singlet S(sub 0) with the Rare Gases.
PB85-189264 **15**-*533,631* Not available NTIS

**PB85-189272**
Effects of Orbital Alignment on Inelastic Collisions of Ca(4s5p singlet P(sub 1)) with Helium.
PB85-189272 **15**-*533,632* Not available NTIS

**PB85-189280**
Measurement Applications. Part 2.
PB85-189280 **15**-*534,419* Not available NTIS

**PB85-189298**
Heating Rates in Fire Experiments.
PB85-189298 **15**-*535,146* Not available NTIS

**PB85-189306**
Failure Behavior of Rubber-Toughened Epoxies in Bulk, Adhesive, and Compite Geometries.
PB85-189306 **15**-*534,067* Not available NTIS

**PB85-189314**
Resonant Two-Photon Ionization and Dissociation of the Hydrogen Atom and Molecule.
PB85-189314 **16**-*535,881* Not available NTIS

**PB85-189322**
Integration of Construction in the Building Process.
PB85-189322 **15**-*533,039* Not available NTIS

**PB85-189330**
Measurements and Standards for Nuclear Waste Management.
PB85-189330 **15**-*534,641* Not available NTIS

**PB85-189348**
Quality Assurance and Protocols in Sampling and Sample Preparation of Biological Samples.
PB85-189348 **15**-*533,633* Not available NTIS

**PB85-189355**
Configuration Interaction in Multiphoton Ionization.
PB85-189355 **18**-*541,705* Not available NTIS

**PB85-189363**
Telephone Dialers with Taped Voice Messages.
PB85-189363 **16**-*536,518* Not available NTIS

**PB85-189371**
Telephone Dialers with Digitally Coded Messages.
PB85-189371 **16**-*536,519* Not available NTIS

**PB85-189389**
Optical Techniques for On-Line Measurement of Surface Topography.
PB85-189389 **15**-*534,420* Not available NTIS

**PB85-189397**
High-Frequency Transient-Resistance Spectroscopy of Deep Levels in SI GaAs.
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**PB85-189405**
Ellipsometry System for High Accuracy Metrology of Thin Films.
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**PB85-189413**
Dynamics of Orbiting Dust under Radiation Pressure.
PB85-189413 **15**-*532,979* Not available NTIS

**PB85-189421**
Determination of Ultratrace Levels of Lead in Reference Fuels by Graphite Furnace Atomic Absorption.
PB85-189421 **15**-*535,235* Not available NTIS

**PB85-189439**
CO Isotopic Mixing Measurements on Nickel: Evidence for Irreversibility of CO Dissociation.
PB85-189439 **15**-*533,634* Not available NTIS

**PB85-189447**
Oxygen Flow Calorimeter for Kilogram-Size Samples of Municipal Solid Waste. Part 2. Trial Combustions of Kilogram-Size Samples.
PB85-189447 **15**-*534,421* Not available NTIS

**PB85-189454**
Standardization of Technetium-99 by Liquid-Scintillation Counting.
PB85-189454 **15**-*535,020* Not available NTIS

**PB85-189462**
Coincidence Form Factors in Electron Scattering.
PB85-189462 **15**-*535,021* Not available NTIS

**PB85-189470**
Investigation of a Practical Superconductor with a Copper Matrix.
PB85-189470 **14**-*532,732* Not available NTIS

**PB85-189488**
Element by Element Review of their Atomic Weights.
PB85-189488 **15**-*533,635* Not available NTIS

**PB85-189496**
Solving Elliptic Problems Using ELLPACK.
PB85-189496 **15**-*534,111* Not available NTIS

**PB85-189504**
Synthesis and Characterization of C18 Stationary Phases for the Liquid Chromatographic Separation of Polycyclic Aromatic Hydrocarbons.
PB85-189504 **15**-*533,636* Not available NTIS

**PB85-189512**
Simulation of the Initiation of Detonation in an Energetic Molecular Crystal.
PB85-189512 **15**-*533,637* Not available NTIS

**PB85-189520**

Compact Effective Potentials and Efficient Shared-Exponent Basis Sets for the First- and Second-Row Atoms.
PB85-189520 **15**-*533,638* Not available NTIS

**PB85-189538**

Large Scale Applications of Heat Pumps,
PB85-189538 **16**-*536,225* PC **E04**/MF **E04**

**PB85-189546**

Neutron Activation Analysis of Biological Samples: A Systematic Study on the Loss of Elements During Preconcentration Steps Before Irradiation,
PB85-189546 **15**-*533,639* PC **E03**/MF **E03**

**PB85-189553**

Solar Radiation Data - Statistical Analysis and Simulation Models,
PB85-189553 **16**-*535,404* PC **E04**/MF **E04**

**PB85-189561**

Temporaere Thermische Isolierung bei der Passiven Solarnutzung (Temporary Thermal Insulation in the Passive Solar Utilisation),
PB85-189561 **16**-*536,226* PC **E07**/MF **E07**

**PB85-189579**

Echangeur Compact Gaz-Gaz IFP (Compact Gas-Gas Heat Exchanger IFP),
PB85-189579 **15**-*534,166* PC **E03**/MF **E03**

**PB85-189587**

EC (Energy Conversion) Medium Term Energy Demand Model, Present State and Recent Results,
PB85-189587 **18**-*540,717* PC **E03**/MF **E03**

**PB85-189595**

Data-Evaluation for Operator-Inspector Differences for a Specific NDA Instrument,
PB85-189595 **16**-*536,602* PC **E04**/MF **E04**

**PB85-189629**

Research and Training Programme in Biomolecular Engineering (April 1982-March 1986). Catalogue of Contracts with Classification of Activities, Phases One and Two.
PB85-189629 **15**-*533,211* PC **E06**/MF **E06**

**PB85-189637**

Silhouettes: A Graphical Aid to the Interpretation and Validation of Cluster Analysis,
PB85-189637 **16**-*536,205* PC **E04**/MF **E01**

**PB85-189645**

Performance Evaluation of Non-Linear Optimization Methods via Pairwise Comparison and Fuzzy Numbers (Revised Edition),
PB85-189645 **16**-*536,213* PC **E04**/MF **E01**

**PB85-189660**

Energy Saving in the Commercial Catering Market.
PB85-189660 **16**-*536,081* PC **E05**/MF **E05**

**PB85-189678**

Certification of a Second Series of Five Hydrocarbon Materials for the Determination of Equilibrium Flashpoint (Temperature Ranges -10C to + 5C and 80C to 135C) (BCR Nos. 83, 84, 85, 86 and 87),
PB85-189678 **15**-*533,640* PC **E04**/MF **E04**

**PB85-189686**

Peat Harvesting Machinery for Operation on Smaller Bogs.
PB85-189686 **15**-*534,273* PC **E03**/MF **E03**

**PB85-189694**

Pressure Testing of Economy 7 Electric Storage Vessels,
PB85-189694 **16**-*536,227* PC **E03**/MF **E03**

**PB85-189702**

EPA-Supported (Environmental Protection Agency-Supported) Wasteload Allocation Models,
PB85-189702 **16**-*536,289* PC **A02**/MF **A01**

**PB85-189710**

Overview of Selected Freshwater Aquatic Toxicology Research in the U.S. EPA (Environmental Protection Agency),
PB85-189710 **16**-*535,674* PC **A02**/MF **A01**

**PB85-189728**

Environmental Assessment of a Phthalate Ester, DI-(2-Ethyl Hexyl) Phthalate (DEHP) Derived from a Marine Microcosm,
PB85-189728 **15**-*533,666* PC **A02**/MF **A01**

**PB85-189736**

Trace Organic Compound Identification: Shannon Information Content and Pattern Recognition of Mass Spectra,
PB85-189736 **15**-*533,641* PC **A02**/MF **A01**

**PB85-189744**

Vulcan Pulse Generating System,
PB85-189744 **16**-*536,763* PC **E03**/MF **E03**

**PB85-189751**

Compilation of Structure Functions of Deep Inelastic Scattering,
PB85-189751 **16**-*536,851* PC **E04**/MF **E04**

**PB85-189769**

Quarks in Nuclei,
PB85-189769 **16**-*536,852* PC **E03**/MF **E03**

**PB85-189777**

Models for Describing Active Noise Control in Ducts.
PB85-189777 **16**-*536,716* PC **E05**/MF **E05**

**PB85-189785**

Destruction of Pyrogens in Water by the UV/Ozone Technique,
PB85-189785 **16**-*535,743* PC **E04**/MF **E04**

**PB85-189793**

Increase in U-Value of a Wall Caused by Mortar Joints,
PB85-189793 **16**-*536,310* PC **E03**/MF **E03**

**PB85-189801**

Testing of Western Kentucky No. 9 Coal in an Atmospheric Fluidized Bed Combustor.
PB85-189801 **15**-*535,236* PC **A08**/MF **A01**

**PB85-189819**

Rigid Pipe Proof Testing Under Excess Overfills with Varying Backfill Parameters. Section 7. (Volume 2): Finite Element Analysis.
PB85-189819 **16**-*536,371* PC **A07**/MF **A01**

**PB85-189827**

Rigid Pipe Proof Testing Under Excess Overfills with Varying Backfill Parameters. Section 7. (Volume 3): Neutral Point Analysis Using Finite Element and Observed Tractions.
PB85-189827 **16**-*536,372* PC **A08**/MF **A01**

**PB85-189835**

Marketing and Transportation of Grain by Local Cooperatives, March 1985,
PB85-189835 **16**-*535,327* PC **A02**/MF **A01**

**PB85-189843**

Laboratory Evaluation of Critical Fluid Extractions for Environmental Applications.
PB85-189843 **14**-*531,894* PC **A05**/MF **A01**

**PB85-189850**

Sea-Going Measurement Programmes in the Netherlands, 1984,
PB85-189850 **16**-*535,954* PC **E03**/MF **E01**

**PB85-189868**

Accident Countermeasures at High-Speed Signalized Intersections. Phase 1. Synthesis of Practice.
PB85-189868 **16**-*536,290* PC **A06**/MF **A01**

**PB85-189876**

Freight Train Brake System Safety Study.
PB85-189876 **16**-*536,324* PC **A08**/MF **A01**

**PB85-189884**

Side Interior Stiffness Measurement.
PB85-189884 **16**-*536,325* PC **A12**/MF **A01**

**PB85-189892**

Cultural Resource Evaluations at Fort Polk, Louisiana.
PB85-189892 **17**-*537,321* PC **A13**/MF **A01**

**PB85-189900**

Biology and Management of the Gambel Oak Vegetative Type: A Literature Review.
PB85-189900 **15**-*532,957* PC **A03**/MF **A01**

**PB85-189918**

Determination of Volatile Pesticides in Industrial and Municipal Wastewaters,
PB85-189918 **15**-*533,642* PC **A03**/MF **A01**

**PB85-189926**

Compendium of New Drug Approvals in Eleven Industrialized Countries, 1970-1983,
PB85-189926 **14**-*531,397* PC **A04**/MF **A01**

**PB85-189934**

Summary of State Telephone Regulatory Data,
PB85-189934 **16**-*536,520* PC **A04**/MF **A01**

**PB85-189942**

Energy Conservation on Exposed Domestic Sites.
PB85-189942 **16**-*536,082* PC **E11**/MF **E11**

**PB85-189959**

Operation of Gas Turbines on Liquid Hydrogen.
PB85-189959 **16**-*536,987* PC **E05**/MF **E05**

**PB85-189967**

Irish Solar Pilot Test Facility: Final Operational Phase, October 1, 1981 - June 30, 1983,
PB85-189967 **16**-*536,228* PC **E08**/MF **E08**

**PB85-189975**

Evaluation of Thermal Discomfort,
PB85-189975 **17**-*537,583* PC **E03**/MF **E03**

**PB85-189983**

Initial Conditions for Inflation,
PB85-189983 **16**-*535,374* PC **E03**/MF **E03**

**PB85-190015**

Etude de Generation Electrique par Alternateur Grande Vitesse et Frequences Variables Regule a Frequence Fixe par Odduleur (Study of Electrical Generation through High-Speed and Variable Frequency Alternator Regulated to Fixed Frequency by Inverter),
PB85-190015 **16**-*536,105* PC **E04**/MF **E04**

**PB85-190023**

Heat-Insulating Slabs and Mats Made of Mineral Wool Based on a Synthetic Binder. (RE-ANNOUNCEMENT of PB85-126407-see notes field for explanation).
PB85-190023 **26**-*561,145* PC **A02**/MF **A01**

**PB85-190031**

New Initiatives in Fair Housing. A Class Action Suit. (RE-ANNOUNCEMENT of PB85-126621-see notes field for explanation)
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**PB85-190049**

Title VIII. Legal Procedure Manual. (RE-ANNOUNCEMENT of PB85-126639-see notes field for explanation).
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**PB85-190056**

Status Research into Racial Discrimination and Segregation in American Housing Markets: A Research Agenda for the Department of Housing and Urban Development. (RE-ANNOUNCEMENT of PB85-126647-see notes field for explanation),
PB85-190056 **26**-*560,217* PC **A06**/MF **A01**

**PB85-190064**

Section 8 Existing: A Program Evaluation. (RE-ANNOUNCEMENT of PB85-126654-see notes field for explanation),
PB85-190064 **26**-*560,218* PC **A03**/MF **A01**

**PB85-190072**

Importance of Income Verification in the Section 8 Housing Assistance Payments Program. (RE-ANNOUNCEMENT of PB85-126662-see notes field for explanation),
PB85-190072 **26**-*560,219* PC **A02**/MF **A01**

**PB85-190080**

Rent Reduction Credit Feature of the Section 8 Existing Housing Program. (RE-ANNOUNCEMENT of PB85-126670-see notes field for explanation).
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**PB85-190098**

Stabilization and Financial Innovation. (RE-ANNOUNCEMENT of PB85-126688-see notes field for explanation),
PB85-190098 **26**-*560,221* PC **A02**/MF **A01**

**PB85-190106**

Housing and the Fight Against Inflation. (RE-ANNOUNCEMENT of PB85-126696-see notes field for explanation),
PB85-190106 **26**-*560,222* PC **A02**/MF **A01**

**PB85-190114**

Micro and Macro Financial Policies and Housing Finance. (RE-ANNOUNCEMENT of PB85-126704-see notes field for explanation),
PB85-190114 **26**-*560,223* PC **A02**/MF **A01**

**PB85-190122**

Selected Research Topics in Housing Finance. (RE-ANNOUNCEMENT of PB85-126712-see notes field for explanation),
PB85-190122 **26**-*560,224* PC **A02**/MF **A01**

**PB85-190130**

Tax Subsidy to Housing in an Inflationary Environment: Implications for After-Tax Housing Costs. (RE-ANNOUNCEMENT of PB85-126720-see notes field for explanation),
PB85-190130 **26**-*560,225* PC **A01**/MF **A01**

**PB85-190148**

Evaluation of Alternative Tax Expenditures Benefiting Homeowners: Deductions Versus Credits. (RE-ANNOUNCEMENT of PB85-126738-see notes field for explanation),
PB85-190148 **26**-*560,226* PC **A04**/MF **A01**

**PB85-190155**

Housing and Mortgage Market Policies. (RE-ANNOUNCEMENT of PB85-126746-see notes field for explanation),
PB85-190155 **26**-*560,227* PC **A02**/MF **A01**

**PB85-190163**

Study of a GNMA (Government National Mortgage Association) Conventional Mortgage Pass-Through Security Program. (RE-ANNOUNCMENT of PB85-126753-see notes field for explanation),
PB85-190163 **26**-*560,228* PC **A03**/MF **A01**

**PB85-190171**

Federal National Mortgage Association: Performance Since Privatization. (RE-ANNOUNCEMENT of PB85-126761-see notes field for explanation),
PB85-190171 **26**-*560,229* PC **A03**/MF **A01**

**PB85-190189**

FNMA (Federal National Mortgage Association) Free Market System Auction: Valuation, Bidding Rules, and Hedging Choices. (RE-ANNOUNCEMENT of PB85-126779-see notes field for explanation),
PB85-190189 **26**-*560,147* PC **A02**/MF **A01**

**PB85-190197**

Some Effects of Variable Rate Mortgages on Mortgage Markets and Housing. (RE-ANNOUNCEMENT of PB85-126787-see notes field for explanation),
PB85-190197 **26**-*560,230* PC **A02**/MF **A01**

**PB85-190205**

Current Initiatives and Reform of the Housing Finance System. (RE-ANNOUNCEMENT of PB85-126795-see notes field for explanation),
PB85-190205 **26**-*560,231* PC **A03**/MF **A01**

**PB85-190213**

Trouble For Multifamily Housing: Its Effects on Conserving Older Neighborhoods. (RE-ANNOUNCEMENT of PB85-126803-see notes field for explanation),
PB85-190213 **26**-*560,232* PC **A03**/MF **A01**

**PB85-190221**

HUD's Insured Multifamily Housing: The Problems of Financially Troubled Subsidized Projects. (RE-ANNOUNCEMENT of PB85-126811-see notes field for explanation).

PB85-190221 **26**-*560,233* PC **A04**/MF **A01**

**PB85-190239**

Displacement in Revitalizing Neighborhoods: A Review and Research Strategy. (RE-ANNOUNCEMENT of PB85-126829-see notes field for explanation),

PB85-190239 **26**-*560,234* PC **A03**/MF **A01**

**PB85-190247**

Urban America in the Late 1970's. (RE-ANNOUNCEMENT of PB85-126845-see notes field for explanation),

PB85-190247 **26**-*560,235* PC **A02**/MF **A01**

**PB85-190254**

Programmatic Options to Encourage Homeownership. (RE-ANNOUNCEMENT of PB85-126852-see notes field for explanation),

PB85-190254 **26**-*560,236* PC **A07**/MF **A01**

**PB85-190262**

Integrating Housing and Social Service Activities for the Elderly Household: Comments. (RE-ANNOUNCEMENT of PB85-126860-see notes field for explanation),

PB85-190262 **26**-*560,237* PC **A02**/MF **A01**

**PB85-190270**

Who Benefits. Government Housing Programs for the Independent Elderly: Comments. (RE-ANNOUNCEMENT of PB85-126878-see notes field for explanation),

PB85-190270 **26**-*560,238* PC **A02**/MF **A01**

**PB85-190288**

Housing Problems of Community-Resident Elderly: Comments. (RE-ANNOUNCEMENT of PB85-126886-see notes field for explanation),

PB85-190288 **26**-*560,239* PC **A02**/MF **A01**

**PB85-190296**

Integrating Housing and Social Services Activities for the Elderly Household. (RE-ANNOUNCEMENT of PB85-126894-see notes field for explanation),

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**PB85-190304**

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PB85-190304 **26**-*560,241* PC **A03**/MF **A01**

**PB85-190312**

Housing Problems of Community-Resident Elderly. (RE-ANNOUNCEMENT of PB85-126910-see notes field for explanation),

PB85-190312 **26**-*560,242* PC **A03**/MF **A01**

**PB85-190320**

Housing and Characteristics of Independent Elderly: A Demographic Overview. (RE-ANNOUNCEMENT of PB85-126928-see notes field for explanation),

PB85-190320 **26**-*560,243* PC **A03**/MF **A01**

**PB85-190338**

Value in Cities: Resource Scarcity and the Need for Conservation and Preservation. (RE-ANNOUNCEMENT of PB85-126936-see notes field for explanation),

PB85-190338 **26**-*560,188* PC **A02**/MF **A01**

**PB85-190346**

Signs of Urban Vitality and of Distress: Citizen Views on the Quality of Urban Life. (RE-ANNOUNCEMENT of PB85-126944-see notes field for explanation),

PB85-190346 **26**-*560,244* PC **A03**/MF **A01**

**PB85-190353**

Dynamics of Urban Distress: Factors Underlying Troubled Aspects of Urban Life. (RE-ANNOUNCEMENT of PB85-126951-see notes field for explanation),

PB85-190353 **26**-*560,245* PC **A03**/MF **A01**

**PB85-190361**

Thinning Out of Central City Populations. (RE-ANNOUNCEMENT of PB85-126969-see notes field for explanation),

PB85-190361 **26**-*560,246* PC **A02**/MF **A01**

**PB85-190379**

Decentralization of Urban Economies. (RE-ANNOUNCEMENT of PB85-126977-see notes field for explanation),

PB85-190379 **26**-*560,247* PC **A02**/MF **A01**

**PB85-190387**

Families and Households: Indications of Continuing Needs. (RE-ANNOUNCEMENT of PB85-126985-see notes field for explanation),

PB85-190387 **26**-*560,248* PC **A02**/MF **A01**

**PB85-190395**

Shelter and Neighborhoods: Indicators of Physical Deterioration in Cities. (RE-ANNOUNCEMENT of PB85-126993-see notes field for explanation),

PB85-190395 **26**-*560,249* PC **A02**/MF **A01**

**PB85-190403**

Fiscal Distress: An Imbalance Between Resources and Needs. (RE-ANNOUNCEMENT of PB85-127009-see notes field for explanation),

PB85-190403 **26**-*560,121* PC **A02**/MF **A01**

**PB85-190411**

Inefficiencies of Governments: The Relationships Among Administrative Fragmentation, Coordination, and Efficiency. (RE-ANNOUNCEMENT of PB85-127017-see notes field for explanation),

PB85-190411 **26**-*560,171* PC **A02**/MF **A01**

**PB85-190429**

Urban Issues in the Late 1970's: A Metropolitan Perspective. (RE-ANNOUNCEMENT of PB85-127025-see notes field for explanation),

PB85-190429 **26**-*560,250* PC **A02**/MF **A01**

**PB85-190437**

Income Elasticity of Housing Demand. (RE-ANNOUNCEMENT of PB85-127033-see notes field for explanation),

PB85-190437 **26**-*560,251* PC **A03**/MF **A01**

**PB85-190445**

Demand for Rental Housing by Low Income Families. (RE-ANNOUNCEMENT of PB85-127041-see notes field for explanation),

PB85-190445 **26**-*560,252* PC **A02**/MF **A01**

**PB85-190452**

Effects of the Seattle and Denver Income Maintenance Programs on the Housing Consumption of Participating Households. (RE-ANNOUNCEMENT of PB85-127058-see notes field for explanation),

PB85-190452 **26**-*560,253* PC **A02**/MF **A01**

**PB85-190460**

Use of Hedonic Indices to Distinquish Real Changes in Housing from Changes in Housing Expenditures: Evidence from the Housing Allowance Demand Experiment. (RE-ANNOUNCEMENT of PB85-127066-see notes field for explanation),

PB85-190460 **26**-*560,254* PC **A04**/MF **A01**

**PB85-190478**

Efficacy of Hedonic Estimation with the Annual Housing Survey: Evidence From the Demand Experiment. (RE-ANNOUNCEMENT of PB85-127074-see notes field for explanation),

PB85-190478 **26**-*560,255* PC **A03**/MF **A01**

**PB85-190486**

Decision to Move Evidence from the Demand Experiment. (RE-ANNOUNCEMENT of PB85-127082-see notes field for explanation),

PB85-190486 **26**-*560,256* PC **A03**/MF **A01**

**PB85-190494**

Disequilibrium Model of Housing Search and Residential Mobility. (RE-ANNOUNCEMENT of PB85-127090-see notes field for explanation),

PB85-190494 **26**-*560,257* PC **A02**/MF **A01**

**PB85-190502**

How Low-Income Households Search for Housing: Preliminary Findings on Racial Differences. (RE-ANNOUNCEMENT of PB85-127108-see notes field for explanation),

PB85-190502 **26**-*560,258* PC **A02**/MF **A01**

**PB85-190510**

Housing Search and Mobility. (RE-ANNOUNCEMENT of PB85-127116-see notes field for explanation),

PB85-190510 **26**-*560,259* PC **A02**/MF **A01**

**PB85-190528**

Mobility in the Seattle and Denver Income Maintenance Experiments. (RE-ANNOUNCEMENT of PB85-127124-see notes field for explanation),

PB85-190528 **26**-*560,260* PC **A02**/MF **A01**

**PB85-190536**

Overview of the United States Commercial Building Population.

PB85-190536 **15**-*533,925* PC **A05**/MF **A01**

**PB85-190544**

Simulation Model for Physical Soil-Ripening in the IJsselmeerpolders,

PB85-190544 **17**-*538,475* PC **E03**/MF **E01**

**PB85-190551**

Advies inzake Externe Veiligheid (Advice on External Safety).

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PB85-213338 **20**-*544,833* PC **A05**/MF **A01**

**PB85-213346**

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PB85-213346 **20**-*544,617* PC **A03**/MF **A01**

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PB85-213437 **20**-*545,941* PC **A06**/MF **A01**

**PB85-213445**

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PB85-213445 **20**-*545,753* PC **A03**/MF **A01**

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**PB85-213478**

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**PB85-213486**

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PAT-APPL-6-717 692 **20**-*544,745* PC **A03**/MF **A01**

**PB85-213551**

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PAT-APPL-6-675 617 **20**-*544,742* PC **A02**/MF **A01**

**PB85-213569**

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Superfund Record of Decision (EPA Region 1): Charles George Site, Tyngsboro, Massachuetts, December 1983.
PB85-213593 **17**-*538,536* PC **A02**/MF **A01**

**PB85-213601**

Superfund Record of Decision (EPA Region 1): Keefe Environmental Site, Epping, New Hampshire, November 1983
PB85-213601 **17**-*538,537* PC **A02**/MF **A01**

**PB85-213619**

Superfund Record of Decision (EPA Region 1): McKin Site, Gray, Maine, July 1983.
PB85-213619 **17**-*538,538* PC **A02**/MF **A01**

**PB85-213627**

Superfund Record of Decision (EPA Region 1): Re-Solve, Inc. Site, Massachusetts, July 1982.
PB85-213627 **17**-*538,539* PC **A02**/MF **A01**

**PB85-213635**

Superfund Record of Decision (EPA Region 1): Sylvester Site, Nashua, New Hampshire (Initial Remedial Measure), July 1982.
PB85-213635 **17**-*538,540* PC **A03**/MF **A01**

**PB85-213643**

Superfund Record of Decision (EPA Region 1): Western Sand and Gravel Site, Burrillville, Rhode Island, September 1984.
PB85-213643 **17**-*538,541* PC **A03**/MF **A01**

**PB85-213668**

Superfund Record of Decision (EPA Region 2): Bridgeport Site, New Jersey, December 1984.
PB85-213668 **17**-*538,542* PC **A04**/MF **A01**

**PB85-213676**

Superfund Record of Decision (EPA Region 2): Burnt Fly Bog Site, New Jersey, November 1983.
PB85-213676 **17**-*538,543* PC **A03**/MF **A01**

**PB85-213684**

Superfund Record of Decision (EPA Region 2): Chemical Control Site, Elizabeth, New Jersey, September 1983.
PB85-213684 **17**-*538,544* PC **A02**/MF **A01**

**PB85-213692**

Superfund Record of Decision (EPA Region 2): Hudson River PCBs (Polychlorinated Biphenyls) Site, New York, September 1984.
PB85-213692 **17**-*538,545* PC **A03**/MF **A01**

**PB85-213700**

Superfund Record of Decision (EPA Region 2): Krysowaty Farm Site, Hillsborough, New Jersey, June 1984.
PB85-213700 **17**-*538,546* PC **A03**/MF **A01**

**PB85-213718**

Superfund Record of Decision (EPA Region 2): Lipari Landfill, New Jersey, August 1982.
PB85-213718 **17**-*538,547* PC **A02**/MF **A01**

**PB85-213726**

Superfund Record of Decision (EPA Region 2): Lone Pine Landfill, Freehold, New Jersey, September 1984.
PB85-213726 **17**-*538,548* PC **A04**/MF **A01**

**PB85-213734**

Superfund Record of Decision (EPA Region 2): PAS (Pollution Abatement Services) Oswego Site, New York, June 1984.
PB85-213734 **17**-*538,549* PC **A03**/MF **A01**

**PB85-213742**

Superfund Record of Decision (EPA Region 2): Pijak Farm Site, New Jersey, September 1984.
PB85-213742 **17**-*538,550* PC **A03**/MF **A01**

**PB85-213759**

Superfund Record of Decision (EPA Region 2): Price Landfill, Egg Harbor City, New Jersey, September 1983.
PB85-213759 **17**-*538,551* PC **A02**/MF **A01**

**PB85-213767**

Superfund Record of Decision (EPA Region 2): Spence Farm Site, New Jersey, September 1984
PB85-213767 **17**-*538,552* PC **A03**/MF **A01**

**PB85-213783**

Superfund Record of Decision (EPA Region 3): Bruin Lagoon Site, Pennsylvania, June 1984.
PB85-213783 **18**-*541,189* PC **A02**/MF **A01**

**PB85-213791**

Superfund Record of Decision (EPA Region 3): Drake Chemical Site, Lock Haven, Pennsylvania, September 1984.
PB85-213791 **18**-*541,190* PC **A03**/MF **A01**

**PB85-213809**

Superfund Record of Decision (EPA Region 3): Enterprise Avenue Site, Philadelphia, Pennsylvania, May 1984.
PB85-213809 **18**-*541,191* PC **A03**/MF **A01**

**PB85-213817**

Superfund Record of Decision (EPA Region 3): Fischer and Porter Site, Warminster, Pennsylvania, May 1984.
PB85-213817 **18**-*541,192* PC **A02**/MF **A01**

**PB85-213825**

Superfund Record of Decision (EPA Region 3): Lehigh Electric Site, Old Forge, Pennsylvania, February 1983.
PB85-213825 **18**-*541,193* PC **A03**/MF **A01**

**PB85-213833**

Superfund Record of Decision (EPA Region 3): McAdoo Site, Pennsylvania (Initial Remedial Measure), February 1983.
PB85-213833 **18**-*541,194* PC **A02**/MF **A01**

**PB85-213841**

Superfund Record of Decision (EPA Region 3): Matthews Electroplating Site, Virginia, June 1983.
PB85-213841 **18**-*541,195* PC **A02**/MF **A01**

**PB85-213858**

Superfund Record of Decision (EPA Region 3): Tysons Dump Site, Pennsylvania, December 1984.
PB85-213858 **18**-*541,196* PC **A03**/MF **A01**

**PB85-213866**

Superfund Record of Decision (EPA Region 3): Wade Site (ABM), Chester, Pennsylvania, August 1984.
PB85-213866 **18**-*541,197* PC **A03**/MF **A01**

**PB85-213874**

Superfund Record of Decision (EPA Region 4): Miami Drum Services Site, Florida, September 1982.
PB85-213874 **17**-*538,553* PC **A02**/MF **A01**

**PB85-213890**

Superfund Record of Decision (EPA Region 5): A and F Materials, Greenup Site, Illinois (Initial Remedial Measure), November 1983.
PB85-213890 **17**-*538,554* PC **A02**/MF **A01**

**PB85-213908**

Superfund Record of Decision (EPA Region 5): Charlevoix Site, Michigan (Initial Remedial Measure), June 1984.
PB85-213908 **17**-*538,555* PC **A03**/MF **A01**

**PB85-213916**

Superfund Record of Decision (EPA Region 5): Berlin and Farro Site, Swartz Creek, Michigan, February 1984.
PB85-213916 **17**-*538,556* PC **A03**/MF **A01**

**PB85-213924**

Superfund Record of Decision (EPA Region 5): Laskin Poplar Oil Site, Jefferson, Ohio, August 1984.
PB85-213924 **17**-*538,557* PC **A02**/MF **A01**

**PB85-213932**

Superfund Record of Decision (EPA Region 5): New Brighton Site, Minnesota (Interim Water Treatment), June 1983.
PB85-213932 **17**-*538,558* PC **A02**/MF **A01**

**PB85-213940**

Superfund Record of Decision (EPA Region 5): New Brighton Site, Minnesota (Water Supply System), September 1983.
PB85-213940 **17**-*538,559* PC **A02**/MF **A01**

**PB85-213957**

Superfund Record of Decision (EPA Region 5): Outboard Marine Corporation Site, Waukegan, Illinois, May 1984.
PB85-213957 **17**-*538,560* PC **A04**/MF **A01**

**PB85-213965**

Superfund Record of Decision (EPA Region 5): Reilly Tar Site, Minnesota, June 1984.
PB85-213965 **17**-*538,561* PC **A03**/MF **A01**

**PB85-213973**

Superfund Record of Decision (EPA Region 5): Verona Well Field Site, Battle Creek, Michigan, May 1984.
PB85-213973 **17**-*538,562* PC **A03**/MF **A01**

**PB85-213999**

Superfund Record of Decision (EPA Region 6): Bio-Ecology Systems Site, Grand Prairie, Texas, June 1984.
PB85-213999 **18**-*541,198* PC **A04**/MF **A01**

**PB85-214005**

Superfund Record of Decision (EPA Region 6): Highlands Acid Pit Site, Texas, September 1984.
PB85-214005 **18**-*541,199* PC **A04**/MF **A01**

**PB85-214013**

Superfund Record of Decision (EPA Region 6): Old Inger Site, Louisiana, September 1984.
PB85-214013 **18**-*541,200* PC **A04**/MF **A01**

**PB85-214021**

Superfund Record of Decision (EPA Region 6): Tar Creek Site, Oklahoma, June 1984.
PB85-214021 **18**-*541,201* PC **A06**/MF **A01**

**PB85-214047**

Superfund Record of Decision (EPA Region 7): Aidex Site, Council Bluffs, Iowa (Initial Remedial Measure), August 1983.
PB85-214047 **18**-*541,202* PC **A02**/MF **A01**

**PB85-214054**

Superfund Record of Decision (EPA Region 7): Times Beach, Missouri (Quail Run, Sontag Road, Minker, Stout, Cashel, Sullins), January 1984.
PB85-214054 **18**-*541,203* PC **A02**/MF **A01**

**PB85-214062**

Superfund Record of Decision (EPA Region 7): Aidex Site, Council Bluffs, Iowa, September 1984.
PB85-214062 **18**-*541,204* PC **A03**/MF **A01**

**PB85-214070**

Superfund Record of Decision (EPA Region 8): Milltown Site, Montana, April 1984.
PB85-214070 **18**-*541,205* PC **A02**/MF **A01**

**PB85-214096**

Superfund Record of Decision (EPA Region 9): Celtor Chemical Works Site, Hoopa, California, October 1983.
PB85-214096 **17**-*538,563* PC **A02**/MF **A01**

**PB85-214104**

Superfund Record of Decision (EPA Region 9): McColl Site, Fullerton, California, April 1984.
PB85-214104 **17**-*538,564* PC **A03**/MF **A01**

**PB85-214112**

Superfund Record of Decision (EPA Region 9): Mountain View/Globe Site, Arizonia, June 1983.
PB85-214112 **17**-*538,565* PC **A02**/MF **A01**

**PB85-214120**

Superfund Record of Decision (EPA Region 9): San Gabriel Area 1 Site, California, May 1984.
PB85-214120 **17**-*538,566* PC **A03**/MF **A01**

**PB85-214138**

Superfund Record of Decision (EPA Region 9): Stringfellow Acid Pits Site, Glen Avon, California (Initial Remedial Measure), July 1983.
PB85-214138 **17**-*538,567* PC **A03**/MF **A01**

**PB85-214146**

Superfund Record of Decision (EPA Region 9): Taputimu Farm/Insular Territories Site, American Samoa, Decemember 1983.
PB85-214146 **17**-*538,568* PC **A02**/MF **A01**

**PB85-214153**

Superfund Record of Decision (EPA Region 9): Stringfellow Acid Pits Site, Glen Avon, California, July 1984.
PB85-214153 **17**-*538,569* PC **A04**/MF **A01**

**PB85-214179**

Superfund Record of Decision (EPA Region 10): Commencement Bay/Tacoma Well 12A Site, Washington, March 1983.
PB85-214179 **17**-*538,570* PC **A02**/MF **A01**

**PB85-214187**

Superfund Record of Decision (EPA Region 10): Ponders Corner Site, Washington (Initial Remedial Measure), June 1984.
PB85-214187 **17**-*538,571* PC **A03**/MF **A01**

**PB85-214195**

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PB85-214195 **17**-*538,572* PC **A02**/MF **A01**

**PB85-214203**

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PAT-APPL-6-705 709 **20**-*544,856* PC **A02**/MF **A01**

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PB85-214260 **20**-*545,754* PC **A11**/MF **A01**

**PB85-214278**

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PB85-214427 **20**-*545,758* PC **A03**/MF **A01**

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**PB85-214484**

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PB85-214484 **21**-*548,792* PC **A03**/MF **A01**

**PB85-214492**

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Resource and Potential Reclamation Evaluation: Alton Study Site, Alton Coal Field, Kane County, Utah. Summary.
PB85-226512 **22**-*550,683* PC **A02**/MF **A01**

**PB85-226520**
Products of Wood Gasification,
PB85-226520 **20**-*547,034* PC **A06**/MF **A01**

**PB85-226538**
Potential Use of Low-Altitude Aerial Photography to Identify Submersed Macrophytes.
PB85-226538 **22**-*549,756* PC **A03**/MF **A01**

**PB85-226546**
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**PB85-226553**
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**PB85-226561**
Maritime Navigation/Communications Program. Volume 1. Navigation and Communications System Study.
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**PB85-226579**
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Solar-Geophysical Data Number 489, May 1985. Supplement,
PB85-226611 **22**-*549,402* PC **A05**/MF **A01**

**PB85-226629**
Assessment Models for Surface Dispersion of Marine Pollutants.
PB85-226629 **22**-*550,078* PC **A03**/MF **A01**

**PB85-226637**
Electro-Optics Millimeter/Microwave Technology in Japan.
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**PB85-226645**
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**PB85-226652**
Ten Years of Diagnostic Measurements on HV (High-Voltage) Machines in the Field,
PB85-226652 **22**-*550,276* PC **E04**/MF **E01**

**PB85-226660**
Small Business Jobs Tax Credit versus a Small Business Jobs Tax Training Credit.
PB85-226660 **22**-*549,685* PC **A05**/MF **A01**

**PB85-226678**
Image Analysis in Determining Pore Size Distributions of Concrete,
PB85-226678 **22**-*550,716* PC **E04**/MF **E01**

**PB85-226686**
Ice Loads Upon a Cylindrical Offshore Structure,
PB85-226686 **22**-*550,796* PC **E06**/MF **E01**

**PB85-226694**
Computers in the British Construction Industry,
PB85-226694 **22**-*549,488* PC **E04**/MF **E01**

**PB85-226702**
Issues and Options for Maintaining the Dictionary of Occupational Titles. Volume 1.
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**PB85-226710**
Issues and Options for Maintaining the Dictionary of Occupational Titles. Volume 2. Appendices.
PB85-226710 **22**-*549,687* PC **A11**/MF **A01**

**PB85-226728**
Excitation of Giant Isovector Resonances in Nuclei,
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**PB85-226736**
FORTRAN 78 Compiler Validation System (1985).
PB85-226736 **22**-*550,260* CP **T99**

**PB85-226744**
Trial Application of the FAO (Food and Agriculture Organization of the United Nations) Guidelines on Land Evaluation for Forestry,
PB85-226744 **22**-*549,367* PC **E05**/MF **E05**

**PB85-226751**
Glasshouse Screening of Species of 'Stylosanthes' for Resistance to Anthracnose Diseases,
PB85-226751 **22**-*549,757* PC **E03**/MF **E03**

**PB85-226769**
Australian Construction Sector and Its Research,
PB85-226769 **22**-*549,489* PC **E04**/MF **E04**

**PB85-226777**
Velocity of Surface Waves. Part 1.
PB85-226777 **22**-*550,856* PC **E04**/MF **E01**

**PB85-226785**
Velocity of Surface Waves. Part 2.
PB85-226785 **22**-*550,857* PC **E04**/MF **E01**

**PB85-226793**
Implications of Various Confinement Laws on Solutions of Steady Self-Burning Plasma in Tokamaks,
PB85-226793 **22**-*551,703* PC **E04**/MF **E01**

**PB85-226801**
Physical Processes in Relativistic Large Aspect Ratio Diodes.
PB85-226801 **22**-*551,069* PC **E06**/MF **E01**

**PB85-226819**
Development of Performance Equations and Survivor Curves for Flexible Pavements.
PB85-226819 **22**-*550,684* PC **A09**/MF **A01**

**PB85-226827**
Ethylene Glycol Monobutyl Ether: Reproduction and Fertility Assessment in CD-1 Mice When Administered in Drinking Water (Revised).
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**PB85-226868**
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**PB85-226876**
Ten-Year Results of Fertilizing Grand Fir, Western Hemlock, Western Larch, and Douglas-Fir with Nitrogen in Northern Idaho.
PB85-226876 **22**-*549,368* PC **A02**/MF **A01**

**PB85-226884**
Use of Pneumatic Active Suspensions to Improve Lateral Rail Vehicle Ride Quality.
PB85-226884 **22**-*550,741* PC **A07**/MF **A01**

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PB85-226900 **22**-*550,685* PC **A06**/MF **A01**

**PB85-226918**
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PB85-226918 **22**-*549,522* CP **T02**

**PB85-226926**
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**PB85-226934**
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**PB85-226942**
Patent Activity in the Seabed Mining Industry.
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**PB85-226959**
Operational Meteorology of Convective Weather. Volume 2. Storm Scale Analysis.
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Automatic Brake Slack Adjusters on Transit Buses.
PB85-226967 **22**-*550,742* PC **A03**/MF **A01**

**PB85-226975**
Trawling Off the Southeastern U.S. Coast.
PB85-226975 **22**-*550,798* PC **A03**/MF **A01**

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PB85-227049 **22**-*549,760* PC **A06**/MF **A01**

**PB85-227056**
Detention Basins at Two Snow Removal Maintenance Stations: An Evaluation.
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PB85-227098 **22**-*550,726* PC **A04**/MF **A01**

**PB85-227106**
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**PB85-227114**
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**PB85-227148**
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PB85-227148 **22**-*549,688* PC **A07**/MF **A01**

**PB85-227155**
Tectonic Structures Responsible for Anisotropic Transmissivities in the Paleozoic Aquifers, Southern Bighorn Basin, Wyoming,
PB85-227155 **22**-*550,117* PC **A05**

**PB85-227163**
Preclinical Intravenous Lethality and Toxicity Study of 15-Deoxyspergualin HCl (NSC-356894) in CD2F1 Mice, Beagle Dogs, and Fischer 344 Rats. Volume 1.
PB85-227163 **23**-*552,430* PC **A13**/MF **A01**

**PB85-227171**
Preclinical Intravenous Lethality and Toxicity Study of 15-Deoxyspergualin HCl (NSC-356894) in CD2F1 Mice, Beagle Dogs, and Fischer 344 Rats. Volume 2,
PB85-227171 **23**-*552,431* PC **A11**/MF **A01**

**PB85-227189**
Phytoplankton Control and Water Quality Improvement through Manipulation of Animal Communities,
PB85-227189 **22**-*550,118* PC **A03**/MF **A01**

**PB85-227197**
Evaluation of Surface Water Runoff from Swine Facilities for Contamination with Viruses,
PB85-227197 **22**-*549,340* PC **A02**/MF **A01**

**PB85-227205**
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**PB85-227239**
Aldicarb Studies in Groundwaters from Citrus Groves in Indian River County, Florida,
PB85-227239 **22**-*550,120* PC **A05**/MF **A01**

**PB85-227247**
Analysis of Injection in Stratified Aquifers,
PB85-227247 **22**-*550,121* PC **A05**/MF **A01**

**PB85-227254**
Changes in Distribution of Mineral Nitrogen under Native Range and Cultivated Fields at the Nebraska Sandhills Agricultural Laboratory.
PB85-227254 **22**-*549,341* PC **A03**/MF **A01**

**PB85-227262**
Implication of Temporal Variations and Vertical Stratification of Groundwater Nitrate-Nitrogen in the Hall County Special Use Area,
PB85-227262 **22**-*550,122* PC **A03**/MF **A01**

**PB85-227270**
Scheduling Irrigation with a High Speed Center Pivot to Reduce Heat and Moisture Stress in Corn,
PB85-227270 **22**-*549,342* PC **A02**/MF **A01**

**PB85-227288**
Maximizing Water Use Efficiency of Limited Irrigation Plus Natural Precipitation Using Conservation Cropping Systems,
PB85-227288 **22**-*549,349* PC **A02**/MF **A01**

**PB85-227296**
Field Measurement of Evaporation and Transpiration for Irrigated Corn, Sorghum and Soybeans,
PB85-227296 **22**-*549,343* PC **A03**/MF **A01**

# 1985 NTIS ORDER/REPORT NUMBER INDEX

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**PB85-227312**
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PB85-227320 22-*550,689* PC **A03**/MF **A01**

**PB85-227338**
Comparison of Freshwater Use Customs on Ulithi Atoll with Those of Selected Other Micronesian Atolls,
PB85-227338 22-*550,690* PC **A03**/MF **A01**

**PB85-227346**
Groundwater Management Using Control Analysis and Multiple-Objective Techniques.
PB85-227346 22-*550,125* PC **A02**/MF **A01**

**PB85-227353**
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**PB85-227361**
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**PB85-227411**
Health Characteristics According to Family and Personal Income, United States.
PB85-227411 19-*542,607* PC **A05**/MF **A01**

**PB85-227429**
Ambient Water Quality Criteria for Chlorine - 1984.
PB85-227429 22-*549,762* PC **A04**/MF **A01**

**PB85-227437**
Ambient Water Quality Criteria for Lead - 1984.
PB85-227437 22-*549,763* PC **A05**/MF **A01**

**PB85-227445**
Ambient Water Quality Criteria for Arsenic - 1984.
PB85-227445 22-*549,764* PC **A04**/MF **A01**

**PB85-227452**
Ambient Water Quality Criteria for Mercury - 1984.
PB85-227452 22-*549,765* PC **A07**/MF **A01**

**PB85-227460**
Ambient Water Quality Criteria for Cyanide - 1984.
PB85-227460 22-*549,766* PC **A04**/MF **A01**

**PB85-227478**
Ambient Water Quality Criteria for Chromium - 1984.
PB85-227478 22-*549,767* PC **A06**/MF **A01**

**PB85-227486**
Workshops Convened by the Interagency Committee on Seismic Safety in Construction during 1984,
PB85-227486 20-*545,947* PC **A03**/MF **A01**

**PB85-227494**
Study of a Resource Economy and Society: Cultural Resources Overview of the Bullfrog Timber Compartment, Plumas County, California.
PB85-227494 22-*549,589* PC **A04**/MF **A01**

**PB85-227502**
Environmental Radioactivity at the TMI (Three Mile Island). Venting Phase.
PB85-227502 22-*551,184* PC **A02**/MF **A01**

**PB85-227510**
Virus Removal during Conventional Drinking Water Treatment.
PB85-227510 22-*549,850* PC **A04**/MF **A01**

**PB85-227528**
Dosimetry for In-vitro Chick Brain Calcium-Ion Efflux Experiments by Numerical Methods Based on Zonal Harmonic Expansions,
PB85-227528 22-*549,722* PC **A03**/MF **A01**

**PB85-227536**
Used Tire Material as an Alternate Permeable Aggregate.
PB85-227536 22-*550,717* PC **A03**/MF **A01**

**PB85-227544**
Park and Recreation Structures. Part 3. Overnight and Organized Camp Facilities.
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Detection of Nitrogen Rotational Distributions by Resonant 2 + 2 Multiphoton Ionization Through the a(sup 1)pi(sub g) State.
PB85-227577 22-*550,037* Not available NTIS

**PB85-227585**
Collisional Redistribution of Circularly Polarized Light in Barium Perturbed by Argon.
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Determination of Dibenzothiophene in Oils by Liquid Chromatography-Tandem Mass Spectrometry,
PB85-227593 22-*550,039* Not available NTIS

**PB85-227601**
Angle-Resolved Photoelectron Study of the Valence Levels of BF3 in the Range 17 = h(nu) = 28eV.
PB85-227601 22-*550,040* Not available NTIS

**PB85-227619**
Multiple-Pulse Proton NMR of Pressure-Crystallized Linear Polyethylene.
PB85-227619 22-*550,041* Not available NTIS

**PB85-227627**
Molecular Dynamics Study of the Liquid and Plastic Phases of Neopentane.
PB85-227627 22-*550,042* Not available NTIS

**PB85-227635**
Life-Cycle Costing with the Microcomputer.
PB85-227635 22-*550,334* Not available NTIS

**PB85-227643**
Connection between Surface Magnetism and Electronic Structure of Oxygen on Ni(110) (Invited).
PB85-227643 22-*551,801* Not available NTIS

**PB85-227650**
Microanalytical Study of Secondary Precipitation in RSR 143 Using Atom Probe Field Ion Microscopy and Analytical Transmission Electron Microscopy.
PB85-227650 22-*550,483* Not available NTIS

**PB85-227668**
Subharmonic Frequency Locking in the Resistive Josephson Thermometer.
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**PB85-227676**
Data-Base Requirements at the Engineering Stage.
PB85-227676 22-*550,812* Not available NTIS

**PB85-227684**
NMR (Nuclear Magnetic Resonance) Self-Diffusion Study of Polyethylene and Paraffin Melts.
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**PB85-227692**
Influence of Methane Concentration on the Mass and Energy of Ions at the Cathode of a D.C. Glow Discharge in Methane/Hydrogen Atmospheres,
PB85-227692 23-*552,529* PC **E03**/MF **E03**

**PB85-227700**
Lighting Controls: The User's Point of View.
PB85-227700 22-*550,572* PC **E04**/MF **E04**

**PB85-227718**
Energy Measurements for Melting Cast Iron Using Dried or Preheated Charge in Mains Frequency Coreless Furnaces,
PB85-227718 22-*550,573* PC **E03**/MF **E03**

**PB85-227726**
Omega Ring Imaging Cerenkov Detector Readout System User's Guide. (Version 2, November 1984),
PB85-227726 22-*551,122* PC **E06**/MF **E06**

**PB85-227734**
NHTSA (National Highway Traffic Safety Administration) Heavy Duty Vehicle Brake Research Program -- Report Number 3. Evaluation of Parking and Emergency Pneumatic Systems on Air Braked Trailers.
PB85-227734 22-*550,743* PC **A07**/MF **A01**

**PB85-227742**
Health Insurance Coverage among Veterans Aged 55 and Over: Follow-up Analyses from the Survey of Aging Veterans,
PB85-227742 22-*549,705* PC **A03**/MF **A01**

**PB85-227759**
Review of Sampling and Analysis Methodology for Polynuclear Aromatic Compounds in Air from Mobile Sources.
PB85-227759 22-*550,044* PC **A04**/MF **A01**

**PB85-227767**
Icelandic Fishery: 1984 Report and 1985 Outlook.
PB85-227767 22-*549,768* PC **A02**/MF **A01**

**PB85-227775**
Recycling Reclaimed Asphalt Pavement.
PB85-227775 22-*550,692* PC **A04**/MF **A01**

**PB85-227783**
Using the Information Resource Dictionary System Command Language.
PB85-227783 20-*545,225* PC **A05**/MF **A01**

**PB85-227791**
Monthly and Seasonal Weather Outlook for July 1985, Volume 39, Number 13, June 29, 1985.
PB85-227791 22-*549,448* PC **A02**/MF **A01**

**PB85-227809**
Studies of the Antigens of Group B Streptococci.
PB85-227809 22-*549,831* PC **A02**/MF **A01**

**PB85-227817**
Particulate Matter Analysis by Electron Microscopy.
PB85-227817 22-*549,851* PC **A04**/MF **A01**

**PB85-227825**
Diet Development for Post-Larval Pink and Chum Salmon Held in Salt Water,
PB85-227825 22-*549,769* PC **A04**/MF **A01**

**PB85-227833**
Potential for Introduction of Three Species of Nonnative Fishes into Central Arizona via the Central Arizona Project: A Literature Review and Analysis,
PB85-227833 22-*549,770* PC **A07**/MF **A01**

**PB85-227841**
Demographic and Socioeconomic Data on Female Veterans,
PB85-227841 22-*549,706* PC **A03**/MF **A01**

**PB85-227858**
Evaluation of Several Mineral Fillers for Use in Item 340 Hot-Mix Asphaltic Concrete.
PB85-227858 22-*550,718* PC **A05**/MF **A01**

**PB85-227866**
Waterway Tax on Grains: A Functional Market Analysis.
PB85-227866 22-*549,332* PC **A03**/MF **A01**

**PB85-227874**
U.S.-State Agricultural Data,
PB85-227874 22-*549,333* PC **A06**/MF **A01**

**PB85-227882**
Pesticide Use on Selected Crops: Aggregated Data, 1977-80.
PB85-227882 22-*549,334* PC **A03**/MF **A01**

**PB85-227890**
Fabrication and Pilot Scale Testing of a Prototype Donnan Dialyzer for the Removal of Toxic Metals from Electroplating Rinse Waters.
PB85-227890 22-*549,975* PC **A03**/MF **A01**

**PB85-227908**
Low Frequency Automated Magnetic Field Calibration System,
PB85-227908 22-*550,859* PC **A05**/MF **A01**

**PB85-227916**
Thermal Protection Study of Cryogenic Tank Cars.
PB85-227916 23-*553,611* PC **A02**/MF **A01**

**PB85-227924**
Temporary 100% Ratings for Service-Connected Disabilities Requiring Inpatient Treatment. A Report to Congress: Executive Summary,
PB85-227924 22-*549,491* PC **A02**/MF **A01**

**PB85-227932**
Temporary 100% Ratings for Service-Connected Disabilities Requiring Inpatient Treatment. A Report to Congress,
PB85-227932 22-*549,492* PC **A08**/MF **A01**

**PB85-227940**
Characterization of Nd:YAG Rods Using Moire Deflectometry,
PB85-227940 22-*551,321* PC **E03**/MF **E01**

**PB85-227957**
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PB85-850337 **01**-*501,557* PC **N01**/MF **N01**

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PB85-850394 **01**-*500,835* PC **N01**/MF **N01**

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PB85-850402 **01**-*501,824* PC **N01**/MF **N01**

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PB85-850626 **01**-*500,858* PC **N01**/MF **N01**

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PB85-850667 **01**-*501,588* PC **N01**/MF **N01**

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PB85-850709 **01**-*501,838* PC **N01**/MF **N01**

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PB85-850741 **01**-*501,598* PC **N01**/MF **N01**

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PB85-850998 **04**-*508,969* PC **N01**/MF **N01**

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PB85-851004 **02**-*504,426* PC **N01**/MF **N01**

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PB85-851087 **02**-*503,406* PC **N01**/MF **N01**

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PB85-851160 **02**-*502,840* PC **N01**/MF **N01**

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PB85-851202 **04**-*509,361* PC **N01**/MF **N01**

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PB85-851400 **03**-*507,334* PC **N01**/MF **N01**

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PB85-851442 **03**-*506,367* PC **N01**/MF **N01**

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PB85-851459 **03**-*505,798* PC **N01**/MF **N01**

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PB85-851491 **03**-*506,398* PC **N01**/MF **N01**

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PB85-851541 **03**-*506,565* PC **N01**/MF **N01**

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PB85-851566 **03**-*506,235* PC **N01**/MF **N01**

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PB85-851574 **03**-*506,236* PC **N01**/MF **N01**

**PB85-851582**

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PB85-851582 **03**-*506,453* PC **N01**/MF **N01**

**PB85-851590**

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PB85-851590 **03**-*506,897* PC **N01**/MF **N01**

**PB85-851608**

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PB85-851608 **03**-*506,760* PC **N01**/MF **N01**

**PB85-851616**

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PB85-851616 **03**-*506,237* PC **N01**/MF **N01**

**PB85-851624**

Very High Speed Integrated Circuits Technology. 1979-1984 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
PB85-851624 **03**-*506,238* PC **N01**/MF **N01**

**PB85-851632**

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PB85-851632 **03**-*506,898* PC **N01**/MF **N01**

**PB85-851640**

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PB85-851640 **03**-*506,185* PC **N01**/MF **N01**

**PB85-851657**

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PB85-851657 **03**-*506,186* PC **N01**/MF **N01**

**PB85-851665**

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PB85-851665 **03**-*506,187* PC **N01**/MF **N01**

**PB85-851681**

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PB85-851681 **03**-*506,457* PC **N01**/MF **N01**

**PB85-851699**

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PB85-851699 **03**-*506,239* PC **N01**/MF **N01**

**PB85-851707**

Magnetic Bubble Memories. April, 1983-1984 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
PB85-851707 **03**-*506,188* PC **N01**/MF **N01**

**PB85-851715**

Switched Mode Power Supplies. 1975-1984 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
PB85-851715 **03**-*506,240* PC **N01**/MF **N01**

**PB85-851723**

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PB85-851723 **03**-*506,084* PC **N01**/MF **N01**

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PB85-851731 **03**-*506,722* PC **N01**/MF **N01**

**PB85-851749**

Printers: Thermal Printheads and Paper. 1975-November, 1984 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
PB85-851749 **03**-*506,189* PC **N01**/MF **N01**

**PB85-851756**

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PB85-851756 **03**-*505,720* PC **N01**/MF **N01**

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PB85-851764 **03**-*505,823* PC **N01**/MF **N01**

**PB85-851772**

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PB85-851772 **03**-*506,472* PC **N01**/MF **N01**

**PB85-851780**

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PB85-851780 **03**-*506,368* PC **N01**/MF **N01**

**PB85-851798**

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PB85-851798 **03**-*506,723* PC **N01**/MF **N01**

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PB85-851806 **03**-*506,399* PC **N01**/MF **N01**

**PB85-851814**

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PB85-851814 **03**-*506,473* PC **N01**/MF **N01**

**PB85-851822**

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PB85-851822 **03**-*506,400* PC **N01**/MF **N01**

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PB85-851830 **03**-*506,474* PC **N01**/MF **N01**

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PB85-851848 **03**-*506,475* PC **N01**/MF **N01**

**PB85-851855**

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PB85-851855 **03**-*506,369* PC **N01**/MF **N01**

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PB85-851863 **03**-*506,476* PC **N01**/MF **N01**

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PB85-851871 **03**-*505,916* PC **N01**/MF **N01**

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PB85-851889 **03**-*505,938* PC **N01**/MF **N01**

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PB85-851897 **03**-*506,190* PC **N01**/MF **N01**

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PB85-851905 **03**-*506,191* PC **N01**/MF **N01**

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PB85-851913 **03**-*506,360* PC **N01**/MF **N01**

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PB85-851921 **03**-*506,192* PC **N01**/MF **N01**

**PB85-851939**

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PB85-851939 **03**-*506,193* PC **N01**/MF **N01**

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PB85-851947 **03**-*506,477* PC **N01**/MF **N01**

**PB85-851954**

Gas Turbines: Protective Coatings for Corrosion and Erosion Protection. 1970-1984 (Citations from the Engineering Index Data Base).
PB85-851954 **03**-*507,855* PC **N01**/MF **N01**

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PB85-851962 **03**-*506,194* PC **N01**/MF **N01**

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PB85-852002 **03**-*507,764* PC **N01**/MF **N01**

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PB85-852010 **03**-*506,195* PC **N01**/MF **N01**

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PB85-852028 **03**-*505,917* PC **N01**/MF **N01**

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PB85-852036 **03**-*505,744* PC **N01**/MF **N01**

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PB85-852044 **03**-*506,899* PC **N01**/MF **N01**

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PB85-852051 **03**-*505,647* PC **N01**/MF **N01**

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PB85-852069 **03**-*506,196* PC **N01**/MF **N01**

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PB85-852077 **03**-*506,197* PC **N01**/MF **N01**

**PB85-852085**

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PB85-852085 **03**-*506,198* PC **N01**/MF **N01**

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PB85-852093 **03**-*506,900* PC **N01**/MF **N01**

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PB85-852119 **03**-*505,726* PC **N01**/MF **N01**

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PB85-852176 **03**-*505,455* PC **N01**/MF **N01**

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PB85-852192 **03**-*506,478* PC **N01**/MF **N01**

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PB85-852200 **03**-*505,728* PC **N01**/MF **N01**

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PB85-852218 **03**-*506,241* PC **N01**/MF **N01**

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PB85-852226 **03**-*506,487* PC **N01**/MF **N01**

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PB85-852242 **03**-*505,745* PC **N01**/MF **N01**

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PB85-852259 **03**-*505,989* PC **N01**/MF **N01**

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PB85-852267 **03**-*505,724* PC **N01**/MF **N01**

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PB85-852275 **03**-*505,644* PC **N01**/MF **N01**

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PB85-852283 **03**-*505,349* PC **N01**/MF **N01**

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PB85-852291 **03**-*505,816* PC **N01**/MF **N01**

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PB85-852333 **03**-*505,729* PC **N01**/MF **N01**

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PB85-852341 **03**-*507,849* PC **N01**/MF **N01**

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PB85-852358 **03**-*506,738* PC **N01**/MF **N01**

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PB85-852374 **03**-*506,901* PC **N01**/MF **N01**

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PB85-852382 **03**-*506,712* PC **N01**/MF **N01**

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PB85-852390 **03**-*507,743* PC **N01**/MF **N01**

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PB85-852408 **03**-*506,410* PC **N01**/MF **N01**

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PB85-852416 **05**-*510,777* PC **N01**/MF **N01**

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PB85-852424 **03**-*506,488* PC **N01**/MF **N01**

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PB85-852440 **03**-*506,202* PC **N01**/MF **N01**

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PB85-852457 **03**-*506,481* PC **N01**/MF **N01**

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PB85-852549 **03**-*505,645* PC **N01**/MF **N01**

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PB85-852564 **03**-*506,454* PC **N01**/MF **N01**

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PB85-852663 **03**-*506,484* PC **N01**/MF **N01**

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PB85-852671 **03**-*506,626* PC **N01**/MF **N01**

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PB85-852689 **03**-*506,402* PC **N01**/MF **N01**

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PB85-852697 **03**-*506,770* PC **N01**/MF **N01**

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PB85-852713 **03**-*505,801* PC **N01**/MF **N01**

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PB85-852739 **03**-*506,713* PC **N01**/MF **N01**

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PB85-852747 **03**-*505,751* PC **N01**/MF **N01**

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PB85-852754 **04**-*508,154* PC **N01**/MF **N01**

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PB85-852804 **04**-*508,705* PC **N01**/MF **N01**

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PB85-852812 **04**-*509,373* PC **N01**/MF **N01**

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**PB85-854362**

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**PB85-854479**

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**PB85-854487**

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Charge Coupled Devices. 1970-January 1985 (Citations from the U. S. Patent Data Base).
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**PB85-854503**

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**PB85-854545**

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**PB85-854552**

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**PB85-854636**

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Alloying Effects of Palladium. May 1983-January 1985 (Citations from the Metals Abstracts Data Base).
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**PB85-854727**

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**PB85-854735**

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**PB85-854750**

Motorcycle Safety, Environmental Effects, and Performance Studies. 1970-January 1985 (Citations from the NTIS Data Base).
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**PB85-854784**

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**PB85-854792**

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**PB85-854800**

Hospital Information Systems. 1970-January 1985 (Citations from the NTIS Data Base).
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**PB85-854818**

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**PB85-854834**

Chromate Coatings for the Protection of Aluminum and Zinc Surfaces. 1966-February 1985 (Citations from the Metals Abstracts Data Base).
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**PB85-854842**

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**PB85-854859**

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**PB85-854867**

Flexible Manufacturing Systems. 1975-February 1984 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
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**PB85-854875**

Flexible Manufacturing Systems. March 1984-February 1985 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
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**PB85-854883**

Low Noise Amplifiers and Preamplifiers. 1975-February 1984 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
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**PB85-854891**

Low Noise Amplifiers and Preamplifiers. March 1984-February 1985 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
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**PB85-854909**

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**PB85-854917**

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PB85-854917 **08**-*515,943* PC **N01**/MF **N01**

**PB85-854925**

Flue Gas Desulfurization. 1970-February 1985 (Citations from the Engineering Index Data Base).
PB85-854925 **07**-*515,115* PC **N01**/MF **N01**

**PB85-854933**

Nonimpact Printing Technology. 1975-February 1985 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
PB85-854933 **07**-*515,257* PC **N01**/MF **N01**

**PB85-854941**

Odor Pollution. 1977-February 1985 (Citations from the NTIS Data Base).
PB85-854941 **07**-*515,116* PC **N01**/MF **N01**

**PB85-854958**

Heat Dissipation for Printed Circuit and Printed Wiring Boards and Cards. 1975-February 1985 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
PB85-854958 **07**-*514,871* PC **N01**/MF **N01**

**PB85-854966**

Cellular Radio. 1975-February 1985 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
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**PB85-854974**

Coal Tar Technology. 1970-February 1985 (Citations from the NTIS Data Base).
PB85-854974 **07**-*515,678* PC **N01**/MF **N01**

# 1985 NTIS ORDER/REPORT NUMBER INDEX

**PB85-854982**
Plasma and Flame Sprayed Coatings. 1980-February 1985 (Citations from the Engineering Index Data Base).
PB85-854982 **07**-*514,969* PC **N01**/MF **N01**

**PB85-854990**
Human Factors Engineering in Motor Vehicles. 1976-February 1985 (Citations from the Engineering Index Data Base).
PB85-854990 **07**-*514,506* PC **N01**/MF **N01**

**PB85-855005**
Plastics and Elastomers: Space Applications. 1977-January 1985 (Citations from the Rubber and Plastics Research Association Data Base).
PB85-855005 **07**-*515,016* PC **N01**/MF **N01**

**PB85-855013**
Very Large Scale Integration: Computer Aided Layout and Design. April 1983-January 1985 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
PB85-855013 **07**-*514,872* PC **N01**/MF **N01**

**PB85-855021**
Magnetic Recording Tape. June 1970-January 1985 (Citations from the Engineering Index Data Base).
PB85-855021 **07**-*515,254* PC **N01**/MF **N01**

**PB85-855039**
Optical Memory Data Storage. 1975-February 1985 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
PB85-855039 **07**-*514,842* PC **N01**/MF **N01**

**PB85-855047**
Reactive Ion Etching and Reactive Sputter Etching. 1976-February 1985 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
PB85-855047 **07**-*515,160* PC **N01**/MF **N01**

**PB85-855054**
Kalman Filters. November 1982-February 1985 (Citations from the Engineering Index Data Base).
PB85-855054 **07**-*515,048* PC **N01**/MF **N01**

**PB85-855062**
Automotive Electronics and Electronic Systems. 1975-February 1985 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
PB85-855062 **07**-*515,143* PC **N01**/MF **N01**

**PB85-855070**
Hard Facing Alloys. 1970-February 1985 (Citations from the Engineering Index Data Base).
PB85-855070 **07**-*515,009* PC **N01**/MF **N01**

**PB85-855088**
Food Packaging and Storage. June 1977-February 1985 (Citations from the NTIS Data Base).
PB85-855088 **07**-*514,612* PC **N01**/MF **N01**

**PB85-855096**
Power MOSFETS. 1977-February 1985 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
PB85-855096 **07**-*514,798* PC **N01**/MF **N01**

**PB85-855104**
Atmospheric Effects on Laser Beams. 1975-February 1985 (Citations from the NTIS Data Base).
PB85-855104 **07**-*514,409* PC **N01**/MF **N01**

**PB85-855112**
Computer Aided Instruction. 1982-February 1985 (Citations from the NTIS Data Base).
PB85-855112 **07**-*514,540* PC **N01**/MF **N01**

**PB85-855120**
Gallium Arsenide Field Effect Transistor Amplifiers. 1975-February 1985 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
PB85-855120 **07**-*514,873* PC **N01**/MF **N01**

**PB85-855138**
Private Branch Exchange (PBX). 1975-February 1985 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
PB85-855138 **07**-*515,296* PC **N01**/MF **N01**

**PB85-855146**
Printed Circuits: Computer Aided Layout and Design. 1975-January 1985 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
PB85-855146 **07**-*514,874* PC **N01**/MF **N01**

**PB85-855153**
Built-In Test Equipment for Electronic Systems. 1975-January 1985 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
PB85-855153 **07**-*514,851* PC **N01**/MF **N01**

**PB85-855161**
Radiation Hardening of Semiconductor Devices. 1976-January 1985 (Citations from the Energy Data Base).
PB85-855161 **07**-*514,799* PC **N01**/MF **N01**

**PB85-855179**
Genetic Engineering: Plasmids. 1970-February 1985 (Citations from the U. S. Patent Data Base).
PB85-855179 **07**-*514,577* PC **N01**/MF **N01**

**PB85-855187**
Stepper Motors. 1975-February 1984 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
PB85-855187 **07**-*514,852* PC **N01**/MF **N01**

**PB85-855195**
Stepper Motors. March 1984-February 1985 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
PB85-855195 **07**-*514,853* PC **N01**/MF **N01**

**PB85-855203**
Steel Pouring Ladle Liners: Refractory Service Life. 1966-February 1984 (Citations from the Metals Abstracts Data Base).
PB85-855203 **07**-*514,964* PC **N01**/MF **N01**

**PB85-855211**
Steel Pouring Ladle Liners: Refractory Service Life. March 1984-February 1985 (Citations from the Metals Abstracts Data Base).
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**PB85-855229**
Surface Transportation: Demands and Needs. 1980-February 1985 (Citations from the NTIS Data Base).
PB85-855229 **07**-*515,117* PC **N01**/MF **N01**

**PB85-855237**
Water Pollution: Uptake of Heavy Metals by Shellfish and Marine Plants. 1974-February 1985 (Citations from Oceanic Abstracts).
PB85-855237 **07**-*514,603* PC **N01**/MF **N01**

**PB85-855245**
Blood Flow Measurement. 1970-February 1985 (Citations from the U. S. Patent Data Base).
PB85-855245 **07**-*514,631* PC **N01**/MF **N01**

**PB85-855252**
Microprocessors Used in Motor Vehicles. 1975-February 1985 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
PB85-855252 **07**-*515,144* PC **N01**/MF **N01**

**PB85-855260**
Semiconductor Random Access Memories: Integrated Circuit Testing and Reliability. 1975-February 1985 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
PB85-855260 **07**-*514,843* PC **N01**/MF **N01**

**PB85-855278**
Vegetable Oils. June 1983-February 1985 (Citations from the Food Science and Technology Abstracts Data Base).
PB85-855278 **07**-*514,613* PC **N01**/MF **N01**

**PB85-855286**
Short-wave Radio Receivers. 1975-February 1985 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
PB85-855286 **07**-*515,297* PC **N01**/MF **N01**

**PB85-855294**
Semiconductor Random Access Memories: Integrated Circuit Design and Fabrication. 1975-February 1985 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
PB85-855294 **07**-*514,844* PC **N01**/MF **N01**

**PB85-855302**
Coal Tar Hazards. 1976-February 1985 (Citations from the Energy Data Base).
PB85-855302 **07**-*514,621* PC **N01**/MF **N01**

**PB85-855310**
Market Analysis Methods and Techniques. May 1979-1983 (Citations from the Management Contents Data Base).
PB85-855310 **07**-*514,438* PC **N01**/MF **N01**

**PB85-855328**
Market Analysis Methods and Techniques. 1984-January 1985 (Citations from the Management Contents Data Base).
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**PB85-855336**
Project Management. 1970-January 1985 (Citations from the NTIS Data Base).
PB85-855336 **07**-*514,440* PC **N01**/MF **N01**

**PB85-855344**
Microprocessors Used for Electric Motor Controls and Monitors. 1975-February 1985 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
PB85-855344 **07**-*514,845* PC **N01**/MF **N01**

**PB85-855351**
Electric Power Load Management. 1982-February 1985 (Citations from the NTIS Data Base).
PB85-855351 **07**-*514,854* PC **N01**/MF **N01**

**PB85-855369**
Genetic Engineering: Monoclonal Antibodies. 1980-February 1985 (Citations from the U. S. Patent Data Base).
PB85-855369 **07**-*514,600* PC **N01**/MF **N01**

**PB85-855377**
Firmware: Design Techniques and Applications. 1975-February 1985 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Data Base).
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PB85-859957 **14**-*532,592* PC **N01**/MF **N01**

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PB85-859973 **14**-*532,290* PC **N01**/MF **N01**

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PB85-859999 **14**-*532,291* PC **N01**/MF **N01**

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PB85-860104 **14**-*531,386* PC **N01**/MF **N01**

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PB85-860112 **14**-*531,009* PC **N01**/MF **N01**

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PB85-860179 **14**-*531,817* PC **N01**/MF **N01**

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PB85-860187 **14**-*531,895* PC **N01**/MF **N01**

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PB85-860195 **14**-*532,392* PC **N01**/MF **N01**

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PB85-860203 **14**-*532,145* PC **N01**/MF **N01**

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PB85-860211 **14**-*531,701* PC **N01**/MF **N01**

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PB85-860229 **14**-*532,292* PC **N01**/MF **N01**

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PB85-860237 **14**-*532,309* PC **N01**/MF **N01**

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PB85-860245 **14**-*531,316* PC **N01**/MF **N01**

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PB85-860252 **14**-*530,782* PC **N01**/MF **N01**

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PB85-860286 **14**-*531,911* PC **N01**/MF **N01**

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PB85-860294 **14**-*532,182* PC **N01**/MF **N01**

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PB85-860302 **14**-*530,783* PC **N01**/MF **N01**

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PB85-860310 **14**-*532,872* PC **N01**/MF **N01**

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PB85-860328 **14**-*532,393* PC **N01**/MF **N01**

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PB85-860336 **14**-*531,834* PC **N01**/MF **N01**

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PB85-860344 **14**-*532,394* PC **N01**/MF **N01**

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PB85-860393 **14**-*532,196* PC **N01**/MF **N01**

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PB85-860401 **14**-*530,784* PC **N01**/MF **N01**

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PB85-860419 **14**-*530,923* PC **N01**/MF **N01**

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PB85-860443 **14**-*532,395* PC **N01**/MF **N01**

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PB85-860450 **14**-*532,183* PC **N01**/MF **N01**

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PB85-860468 **14**-*531,889* PC **N01**/MF **N01**

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PB85-860476 **14**-*531,890* PC **N01**/MF **N01**

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PB85-860484 **14**-*531,525* PC **N01**/MF **N01**

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PB85-860492 **14**-*531,387* PC **N01**/MF **N01**

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PB85-860542 **14**-*531,526* PC **N01**/MF **N01**

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PB85-860559 **14**-*532,146* PC **N01**/MF **N01**

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PB85-860583 **14**-*531,896* PC **N01**/MF **N01**

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PB85-860591 **14**-*531,412* PC **N01**/MF **N01**

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PB85-860609 **14**-*531,897* PC **N01**/MF **N01**

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PB85-860617 **14**-*532,148* PC **N01**/MF **N01**

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PB85-863264 **17**-*537,031* PC **N01**/MF **N01**

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PB85-863561 **19**-*543,055* PC **N01**/MF **N01**

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PB85-863579 **18**-*539,783* PC **N01**/MF **N01**

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PB85-863587 **18**-*541,209* PC **N01**/MF **N01**

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PB85-863769 **18**-*541,210* PC **N01**/MF **N01**

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PB85-863884 **18**-*540,869* PC **N01**/MF **N01**

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PB85-863942 **18**-*540,816* PC **N01**/MF **N01**

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PB85-864080 **18**-*540,116* PC **N01**/MF **N01**

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PB85-864106 **18**-*539,962* PC **N01**/MF **N01**

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PB85-864130 **18**-*540,145* PC **N01**/MF **N01**

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PB85-864148 **19**-*543,610* PC **N01**/MF **N01**

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PB85-864163 **20**-*545,558* PC **N01**/MF **N01**

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PB85-864171 **20**-*546,010* PC **N01**/MF **N01**

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PB85-864221 **21**-*549,067* PC **N01**/MF **N01**

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PB85-864247 **20**-*546,972* PC **N01**/MF **N01**

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PB85-864262 **20**-*545,473* PC **N01**/MF **N01**

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PB85-864304 **19**-*542,244* PC **N01**/MF **N01**

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PB85-864361 **19**-*543,236* PC **N01**/MF **N01**

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PB85-864395 **19**-*542,624* PC **N01**/MF **N01**

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PB85-864411 **19**-*542,625* PC **N01**/MF **N01**

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PB85-864445 **19**-*543,233* PC **N01**/MF **N01**

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PB85-864452 **19**-*543,360* PC **N01**/MF **N01**

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PB85-864478 **19**-*542,933* PC **N01**/MF **N01**

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PB85-864502 **20**-*544,505* PC **N01**/MF **N01**

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PB85-864510 **19**-*543,784* PC **N01**/MF **N01**

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PB85-870459 **25**-*557,744* PC **N01**/MF **N01**

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PB85-870863 **25**-*558,367* PC **N01**/MF **N01**

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PB85-870962 **25**-*558,385* PC **N01**/MF **N01**

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PB85-870988 **25**-*558,730* PC **N01**/MF **N01**

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PB85-872299 **26**-*561,174* PC **N01**/MF **N01**

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PB85-910404 **19**-*542,084* PC **A04**/MF **A01**

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PB85-916202 **15**-*534,305* PC **A04**/MF **A01**

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**PB85-916205**
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PB85-916301 **13**-*529,789* PC **A04**/MF **A01**

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PB85-916302 **15**-*534,306* PC **A03**/MF **A01**

**PB85-916303**
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PB85-916303 **15**-*534,307* PC **A02**/MF **A01**

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PB85-916304 **19**-*543,646* PC **A07**/MF **A01**

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Railroad Accident Report - Seaboard System Railroad Freight Train FERHL Derailment and Fire, Marshville, North Carolina, April 10, 1984.
PB85-916305 **20**-*545,936* PC **A03**/MF **A01**

**PB85-916306**

Railroad Accident Report - Head-On Collision of Burlington Northern Railroad Freight Trains Extra 6760 West and Extra 7907 East near Motley, Minnesota, June 14, 1984.
PB85-916306 **19**-*543,647* PC **A03**/MF **A01**

**PB85-916307**

Railroad Accident Report - Derailment of New York City Transit Authority Subway Train in the Joralemon Street Tunnel, New York, New York, March 17, 1984.
PB85-916307 **21**-*548,670* PC **A03**/MF **A01**

**PB85-916308**

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PB85-916308 **23**-*553,617* PC **A03**/MF **A01**

**PB85-916309**

Railroad Accident Report - Head-On Collision of National Railroad Passenger Corporation (AMTRAK) Passenger Trains Nos. 151 and 168, Astoria, Queens, New York, New York, July 23, 1984.
PB85-916309 **25**-*558,762* PC **A04**/MF **A01**

**PB85-916310**

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PB85-916310 **22**-*550,805* PC **A02**/MF **A01**

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PB85-916401 **13**-*529,790* PC **A02**/MF **A01**

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Marine Accident Report - Ramming of the Poplar Street Bridge by the Towboat M/V ERIN MARIE and Its Twelve-Barge Tow, St. Louis, Missouri, April 26, 1984.
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Marine Accident Report - Fire Aboard the Bahamian Passenger Vessel M/V SCANDINAVIAN SEA, Cape Canaveral, Florida, March 9, 1984.
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Marine Accident Report - Collision of the U.S. Towboat ANN BRENT and Tow with the Greek Tankship MANTINIA, Mile 150, Lower Mississippi River, June 11, 1984.
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**PB85-916405**

Marine Accident Report - Capsizing of the Uninspected Vessel M/V SCITANIC on the Tennessee River near Huntsville, Alabama, July 7, 1984.
PB85-916405 **22**-*550,703* PC **A03**/MF **A01**

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Marine Accident Report - Explosion and Sinking of the United States Tankship SS AMERICAN EAGLE, Gulf of Mexico, February 26 and 27, 1984.
PB85-916406 **26**-*561,239* PC **A03**/MF **A01**

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Marine Accident Report - Loss of the U.S. Fishing Vessel AMAZING GRACE about 80 Nautical Miles East of Cape Henlopen, Delaware about November 14, 1984.
PB85-916407 **25**-*558,763* PC **A04**/MF **A01**

**PB85-916408**

Marine Accident Report - Fire Aboard the Bahamian Passenger Ship M/V SCANDINAVIAN SUN, Port of Miami, Miami, Florida, August 20, 1984.
PB85-916408 **26**-*561,240* PC **A03**/MF **A01**

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Marine Accident Report - Loss by Fire of the U.S. Passenger Vessel M/V FANTASY ISLANDER in Charlotte Harbor, Florida, September 8, 1984.
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Stochastic Model for Transient Yields in Pulse Radiolysis with Ion Beams.
DE85008577 **15**-*533,651* PC **A02**/MF **A01**

**PNL-SA-10995**
Catalytic-Steam Gasification of Wood for the Production of Methanol Synthesis Gas.
DE83010353 **24**-*557,089* PC **A02**/MF **A01**

**PNL-SA-11064**
Relationship Between Burial Depth and Radiocesium and Radiostrontium and Their Accumulation in Crop Plants.
DE85005528 **12**-*527,812* PC **A02**/MF **A01**

**PNL-SA-11135**
Spent Fuel Shipping Costs for Transportation Logistics Analyses.
DE83013250 **24**-*556,382* PC **A02**/MF **A01**

**PNL-SA-11187**
Estimation of Health Effects Due to Elevated Radiation Exposure Levels in Structures.
DE85013043 **22**-*549,929* PC **A02**/MF **A01**

**PNL-SA-11240**
Atmospheric Concentrations of Pesticides Above Treated Fields.
DE85007151 **13**-*528,771* PC **A02**/MF **A01**

**PNL-SA-11243**
Accident-Generated Radioactive Particle Source Term Development for Consequence Assessment of Nuclear Fuel Cycle Facilities.
DE85005526 **11**-*525,197* PC **A02**/MF **A01**

**PNL-SA-11249**
Decision Making and Energy Consumption.
DE84006577 **24**-*555,608* PC **A02**/MF **A01**

**PNL-SA-11270**
Contributions of Segregated Phosphorus to the Intergranular Stress Corrosion Cracking of Nickel.
DE85003112 **08**-*516,891* PC **A02**/MF **A01**

**PNL-SA-11294**
Laser Excitation Kinetic Phosphorimetry for Uranium Analysis.
DE85005529 **11**-*524,014* PC **A02**/MF **A01**

**PNL-SA-11302**
Birds of the Hanford Site: Nest Site Selection.
DE85006087 **11**-*523,679* PC **A02**/MF **A01**

**PNL-SA-11304**
Correlating Survival and DNA Excision Repair in Human Fibroblasts.
DE85008578 **16**-*535,778* PC **A02**/MF **A01**

**PNL-SA-11362**
Multidisciplinary Approach to Identify, Characterize and Minimize, Potential Health and Environmental Problems Associated with Chemically Complex Mixtures: A Case Study.
DE85007155 **13**-*530,631* PC **A02**/MF **A01**

**PNL-SA-11452**
Use of Patagial Wing Markers on Buteos.
DE85005804 **12**-*526,372* PC **A02**/MF **A01**

**PNL-SA-11484**
Mean delta-Ray Energies in Ion-Molecule Collisions.
DE85005524 **10**-*521,630* PC **A02**

**PNL-SA-11498-A**
Enhanced Mercury Tolerance in Mytilus Edulis: Influence of Cu, Zn, and Cd Pre-Exposure and Relationship to Metal-Binding Proteins.
DE85007505 **13**-*528,874* PC **A02**/MF **A01**

**PNL-SA-11507**
Use of Ecotoxicological and Avoidance Data to Assess Effects of Hazardous Materials on Fish.
DE85007154 **13**-*528,871* PC **A02**/MF **A01**

**PNL-SA-11519**
Epiderma Carcinogenesis Studies of Synthetic Fossil Fuel Materials in Mice: Comparison and Correlation with in Vitro Genotoxicity.
DE85000840 **06**-*513,196* PC **A03**/MF **A01**

**PNL-SA-11546**
Standing Crop and Production in Annual Grass Communities in Washington and California: A Comparison.
DE85005523 **11**-*523,282* PC **A02**/MF **A01**

**PNL-SA-11547**
Standing Crop and Production in an Undisturbed Shrub-steppe Community in Eastern Washington.
DE85005522 **11**-*523,674* PC **A02**/MF **A01**

**PNL-SA-11553**
Geostatistical Evaluation of Travel Time Uncertainties.
DE85007603 **13**-*530,109* PC **A03**/MF **A01**

**PNL-SA-11582**
Comparison of in Vivo Carcinogenesis and in Vitro Genotoxicity of Complex Hydrocarbon Mixtures.
DE85007503 **13**-*528,873* PC **A04**/MF **A01**

**PNL-SA-11622**
Integrated Analytical Approach to Detailed Chemical Characterization of Coal Liquefaction Process Materials.
DE85004558 **11**-*525,725* PC **A02**/MF **A01**

**PNL-SA-11623**
Process-Related Effects on Chemical Composition of Direct Coal Liquefaction Materials.
DE85004545 **11**-*525,724* PC **A02**/MF **A01**

**PNL-SA-11638**
Stabilization of Contaminated Soils by in situ Vitrification.
AD-P004 144/2 **05**-*511,827* PC **A02**/MF **A01**

**PNL-SA-11642**
Chemical and Toxicological Aspects of Coal Liquefaction and Other Complex Mixtures.
DE85007156 **13**-*530,632* PC **A02**/MF **A01**

**PNL-SA-11657**
Hydrologic Considerations for Rock RIPRAP Protection of Uranium Tailings Impoundments.
DE85000826 **07**-*515,395* PC **A02**/MF **A01**

**PNL-SA-11669**
MESOI, An Interactive Atmospheric Dispersion Model for Emergency Response Applications.
DE85000361 **04**-*510,092* PC **A02**/MF **A01**

**PNL-SA-11696**
Mother Nature and Architecture.
DE85005495 **11**-*524,777* PC **A02**/MF **A01**

**PNL-SA-11760**
Design of an Inexpensive Remote Ion Chromatograph.
DE85008576 **14**-*532,257* PC **A02**/MF **A01**

**PNL-SA-11780**
Non-Isothermal Irradiation Creep of Nickel Alloys Inconel 706 and PE-16.
DE85000842 **09**-*519,390* PC **A02**/MF **A01**

**PNL-SA-11785**
Life-Span Radiation Effects Studies in Animals: What Can They Tell US.
DE85003111 **08**-*516,300* PC **A02**/MF **A01**

**PNL-SA-11800**
Exposure System for Studying Cellular Effects from Electric Fields.
DE85016283 **25**-*557,798* PC **A02**/MF **A01**

**PNL-SA-11813**
Determination of Fission Product Noble Metals by Inductively Coupled Plasma Atomic Emission Spectrometry.
DE85008579 **21**-*548,897* PC **A02**/MF **A01**

**PNL-SA-11884**
Outcome of Compressed Air Energy Storage at Pittsfield, Illinois.
DE85000395 **04**-*509,337* PC **A02**/MF **A01**

**PNL-SA-11885**
Overview of DOE'S Biomass Thermochemical Conversion Process.
DE85005525 **12**-*528,153* PC **A03**/MF **A01**

**PNL-SA-11888**
Looking at More Than Three Dimensions.
DE85007764 **13**-*529,566* PC **A02**/MF **A01**

**PNL-SA-11908**
Pump for Metering High-Level Waste and Glass Former Mixtures to an Electric Melter.
DE85000400 **04**-*510,047* PC **A02**/MF **A01**

**PNL-SA-11913**
Technical Issues and Approach to License Dry Storage of LWR Fuel in the United States.
DE85000839 **09**-*519,990* PC **A02**/MF **A01**

**PNL-SA-11931**
Evaluation of a Draft Standard on Performance Specifications for Health Physics Instrumentation: Results for Environmental Tests.
DE85000369 **04**-*508,653* PC **A03**/MF **A01**

**PNL-SA-11947**
Emerging Technology of Synthetic Aperture Focusing for Ultrasonic Testing.
DE85000373 **04**-*510,112* PC **A02**/MF **A01**

**PNL-SA-11965**
How Much Can Be Learned from Populations Exposed to Low Levels of Radiation.
DE84015569 **01**-*500,739* PC **A03**/MF **A01**

**PNL-SA-11988**
Failure of Rats and Mice to Recover after Subchronic Inhalation Exposure to a High-Boiling (550-850 exp 0 F) Coal Liquid.
DE85008580 **14**-*531,417* PC **A03**/MF **A01**

**PNL-SA-11993**
Use of Aqueous Catalytic Processing for Water-Gas Shift Conversion.
DE85000357 **05**-*512,562* PC **A02**/MF **A01**

**PNL-SA-12000**
Off-Gas Treatment and Characterization for a Radioactive in Situ Vitrification Test.
DE85000358 **04**-*510,044* PC **A02**/MF **A01**

**PNL-SA-12004**
Safeguards and Security Design Guidelines for Conceptual Monitored Retrievable Storage (MRS) Facilities.
DE85000365 **04**-*510,127* PC **A02**/MF **A01**

**PNL-SA-12010**
Content Validation Applied to Job Simulation and Written Examinations.
DE85003644 **08**-*516,027* PC **A02**/MF **A01**

**PNL-SA-12011**
Evaluation of Draft ANSI Standard N42.17 by Testing.
DE85006959 **13**-*528,841* PC **A03**/MF **A01**

**PNL-SA-12038**
Effect of Input Distributions on the Probabilistic Fracture Mechanics Analysis of Reactor Pressure Vessels.
DE85000832 **08**-*517,487* PC **A02**/MF **A01**

**PNL-SA-12043**
Prototype Firing Range Air Cleaning System.
DE85000360 **07**-*515,176* PC **A03**/MF **A01**

**PNL-SA-12052**
Allowable Residual Contamination Levels for Decommissioning. Part 1. A Description of the Method.
DE85003631 **13**-*530,155* PC **A02**/MF **A01**

**PNL-SA-12053**
Allowable Residual Contamination Levels for Decommissioning, Part 2: A Summary of Example Results.
DE85003632 **09**-*520,014* PC **A02**/MF **A01**

**PNL-SA-12069**
Clinical-Pathological Correlations in Neoplasia.
DE84010700 **09**-*518,636* PC **A06**/MF **A01**

**PNL-SA-12071**
Monte Carlo Calculation of Energy Deposition and Ionization Yield for High Energy Protons.
DE85005518 **11**-*525,069* PC **A02**/MF **A01**

**PNL-SA-12077**
Comparison of under-Pressure and over-Pressure Pulse Tests Conducted in Low-Permeability Basalt Horizons at the Hanford Site, Washington State.
DE85007602 **13**-*529,043* PC **A02**/MF **A01**

**PNL-SA-12078**
Effects of Drilling Fluid Invasion on Hydraulic Characterization of Low Permeability Basalt Horizons: A Field Evaluation.
DE85007399 **13**-*529,057* PC A02/MF **A01**

**PNL-SA-12097**
Heavy Ion Induced Crystallization in Amorphous Phases.
DE85003114 **08**-*516,892* PC **A02**/MF **A01**

**PNL-SA-12101**
Statistical Lung Model for Microdosimetry.
DE84010703 **09**-*518,776* PC **A02**/MF **A01**

**PNL-SA-12113**
In Situ gamma-Ray Spectrometric Analysis of Radionuclide Distributions at a Commercial Shallow Land Burial Site.
DE85002376 **07**-*515,411* PC **A02**/MF **A01**

**PNL-SA-12135**
Development of a Data Base on End-Use Energy Consumption in Commercial Buildings.
DE85003104 **08**-*516,742* PC **A02**/MF **A01**

**PNL-SA-12151**
Influence of Landfiils on Ground-Water Quality.
DE85004537 **11**-*524,118* PC **A02**/MF **A01**

**PNL-SA-12152**
Comparing Computing Formulas for Estimating Concentration Ratios.
DE84008644 **04**-*510,081* PC **A04**/MF **A01**

**PNL-SA-12153**
Experimental Evaluation of Plume Depletion Models.
DE85002374 **06**-*513,721* PC **A02**/MF **A01**

**PNL-SA-12156**
Dry Deposition Velocities.
DE84008647 **02**-*504,288* PC **A02**/MF **A01**

**PNL-SA-12160**
Estimation of Spatial Patterns and Inventories of Environmental Contaminants Using Kriging.
DE85007424 **13**-*528,975* PC **A03**/MF **A01**

**PNL-SA-12173**
Identification of Chemical Processes Influencing Constituent Mobility During in-Situ Uranium Leaching.
DE85003645 **09**-*518,971* PC **A03**/MF **A01**

**PNL-SA-12174**
Innovative Electrical Technique for in-Place Stabilization of Contaminated Soils.
DE85000366 **11**-*525,081* PC **A02**/MF **A01**

**PNL-SA-12186**
Measurements of Neutron Dose and Spectra inside Reactor Containment.
DE85013497 **24**-*556,347* PC **A02**/MF **A01**

**PNL-SA-12187**
Krypton-85 Health Risk Assessment for a Nuclear Fuel Reprocessing Plant.
DE85000838 **07**-*514,615* PC **A02**/MF **A01**

**PNL-SA-12188**
North American Acid Deposition System (ADS) And Its Use in Spatial Analysis.
DE84015582 **04**-*509,606* PC **A02**

**PNL-SA-12191**
Field Testing of Aquifer Thermal Energy Storage.
DE85000399 **04**-*509,338* PC **A02**/MF **A01**

**PNL-SA-12201**
Special Function Instruments for Binary Cycle Geothermal Power Plants.
DE85003109 **07**-*514,915* PC **A02**/MF **A01**

**PNL-SA-12203**
Evolution of Stratospheric Aerosol Size Distribution from Ground-Based Radiometric Measurements: A Study of El Chichon Aerosol.
DE85007555 **13**-*529,042* PC **A02**/MF **A01**

**PNL-SA-12207**
Microprocessor-Controlled Rotating Shadowband Radiometer.
DE85003633 **09**-*519,816* PC **A02**/MF **A01**

**PNL-SA-12212**
Inner Shell Contribution to Multiple Ionization in Ion-Atom Collisions.
DE85003107 **08**-*516,412* PC **A02**/MF **A01**

**PNL-SA-12220**
Nuclear Waste Glass Melter: An Update of Technical Progress.
DE85000831 **12**-*527,739* PC **A02**/MF **A01**

**PNL-SA-12227**
Effect of Vertical Shear on Regional-Scale Trajectories in Near-Frontal Conditions.
DE85007554 **14**-*532,025* PC **A02**/MF **A01**

**PNL-SA-12237**
Acoustic Emission for on-Line Reactor Monitoring: Results from Field Tests.
DE85003110 **12**-*527,731* PC **A02**/MF **A01**

**PNL-SA-12246**
Observations on Electricity Planning under the Northwest Power Act.
DE85003106 **08**-*516,815* PC **A03**/MF **A01**

**PNL-SA-12256**
Monitoring Technology Trends with Patent Data: Fouling of Heat Exchangers. A Case Study.
DE85000355 **04**-*509,565* PC **A02**/MF **A01**

**PNL-SA-12263**
Second Generation Ultralow Background Germanium gamma-Ray Spectrometer Using Super Clean Materials and Improved Multilayered Cosmic Ray Anticoincidence and Passive Shielding.
DE85004549 **10**-*522,629* PC **A02**/MF **A01**

**PNL-SA-12269**
Electrolytic Recovery of Copper and Regeneration of Nitric Acid from a Copper Strip Solution.
DE85007041 **13**-*530,243* PC **A02**/MF **A01**

**PNL-SA-12270**
Catalysts for Gasification of Biomass.
DE85000371 **04**-*510,461* PC **A02**/MF **A01**

**PNL-SA-12277**
Silver Speciation in Seawater: The Importance of Sulfide and Organic Complexes.
DE85006540 **12**-*526,684* PC **A03**/MF **A01**

**PNL-SA-12278**
Analysis of Liquefied Natural Gas (LNG) Release Prevention Systems.
DE85000835 **05**-*512,567* PC **A02**/MF **A01**

**PNL-SA-12283**
Selection of a Reference Process for Treatment of the West Valley Alkaline Waste.
DE85002539 **08**-*517,519* PC **A02**/MF **A01**

**PNL-SA-12293**
Separation and Determination of Hydroxy-Functional Polycyclic Aromatic Hydrocarbons in Coal Liquefaction Materials.
DE85007045 **13**-*530,628* PC **A02**/MF **A01**

**PNL-SA-12295**
Characterization of LWR Spent Fuel Approved Testing Materials for Radionuclide Release Studies.
DE85005296 **13**-*530,159* PC **A02**/MF **A01**

**PNL-SA-12298**
Development and Evaluation of Supercritical Fluid Chromatography/Mass Spectrometry for Polar and High Molecular Weight Coal Components.
DE85000827 **07**-*515,623* PC **A02**/MF **A01**

**PNL-SA-12304**
Reference and Testing Materials Available from the Materials Characterization Center.
DE85004535 **11**-*525,093* PC **A02**/MF **A01**

**PNL-SA-12310**
Effects of alpha Irradiation on Barium Hollandite and Nickel-Iron Spinel.
DE85004552 **11**-*525,096* PC **A02**/MF **A01**

**PNL-SA-12312**
Distribution of Orally Administered and Chronically Fed / Sup 95M/Tc in Japanese Quail Tissues and Eggs.
DE85005805 **11**-*523,884* PC **A02**/MF **A01**

**PNL-SA-12314**
Self-Radiation Damage in Actinide Host Phases of Nuclear Waste Forms.
DE85004555 **11**-*525,098* PC **A02**/MF **A01**

**PNL-SA-12315**
Crack Tip Chemistry Modeling of Intergranular Stress Corrosion Cracks of Nickel Containing Segregated Phosphorus and Sulphur.
DE85010059 **17**-*538,238* PC **A03**/MF **A01**

**PNL-SA-12320**
Purpose of the Materials Characterization Center.
DE85004557 **11**-*525,100* PC **A02**/MF **A01**

**PNL-SA-12321**
Hot Cell Preparation of Approved Testing Materials for the Materials Characterization Center.
DE85004578 **11**-*525,101* PC **A02**/MF **A01**

**PNL-SA-12322**
Standardized Waste Form Test Methods.
DE85004544 **10**-*522,690* PC **A02**/MF **A01**

**PNL-SA-12323**
Role of Statistics in Characterizing Nuclear Waste Package Behavior.
DE85006962 **13**-*530,050* PC **A02**/MF **A01**

**PNL-SA-12324**
Solubility Data for U(VI) Hydroxide and Np(IV) Hydrous Oxide: Application of MCC-3 Methodology.
DE85007765 **13**-*528,983* PC **A02**/MF **A01**

**PNL-SA-12325**
Materials Interactions Test Methods to Measure Radionuclide Release from Waste Forms under Repository-Relevant Conditions.
DE85004529 **11**-*525,092* PC **A02**/MF **A01**

**PNL-SA-12326**
Test Methods to Predict Long-Term Corrosion of Container Materials in Repositories.
DE85004553 **11**-*525,097* PC **A02**/MF **A01**

**PNL-SA-12327**
Current Generic Issues Related to Near-Field Materials Testing.
DE85006745 **13**-*529,813* PC **A02**/MF **A01**

**PNL-SA-12330**
Some Data Manipulation Requirements for the Exploratory Analysis of Large Data Sets.
DE85002541 **08**-*516,618* PC **A02**/MF **A01**

**PNL-SA-12334**
Technetium Sorption in Surface Soils.
DE85005297 **11**-*524,193* PC **A02**/MF **A01**

**PNL-SA-12341**
Role of Segregated P and S in Intergranular Stress Corrosion Cracking of Nickel.
DE85004547 **11**-*524,468* PC **A02**/MF **A01**

**PNL-SA-12343**
Delayed Neutron Studies at Isotope Separators.
DE85003105 **08**-*517,991* PC **A03**/MF **A01**

**PNL-SA-12344**
Corrosion of Candidate Iron-Base Waste Package Structural Barrier Materials in Moist Salt Environments.
DE85004548 **11**-*525,094* PC **A02**/MF **A01**

**PNL-SA-12345**
Strength and Microstructure in Vanadium Irradiated with T(d,n) Neutrons at 300 to 675K.
DE85005292 **11**-*525,191* PC **A02**/MF **A01**

**PNL-SA-12355**
Hydrothermal Waste Package Interactions with Methane-Containing Basalt Groundwater.
DE85005293 **11**-*525,115* PC **A02**/MF **A01**

**PNL-SA-12360**
Effects of Radial Temperature Gradients on Glass Fracture in Simulated High-Level Waste Canisters.
DE85005291 **11**-*525,067* PC **A02**/MF **A01**

**PNL-SA-12368**
Behavior of Natural Uranium, Thorium, and Radium Isotopes in the Wolfcamp Brine Aquifers, Palo Duro Basin, Texas.
DE85006994 **13**-*529,056* PC **A02**/MF **A01**

**PNL-SA-12369**
Sup 237 Np and sup 239 Pu Solution Behavior During Hydrothermal Testing of Simulated Nuclear Waste Glass with Basalt and Steel.
DE85003642 **09**-*520,016* PC **A02**/MF **A01**

**PNL-SA-12372**
Identification and Characterization of Watershed Models for Evaluation of Impacts of Climate Change on Hydrology.
DE85008575 **15**-*533,000* PC **A03**/MF **A01**

**PNL-SA-12373**
Statistical Methods for Environmental Pollution Studies.
DE85005298 **22**-*550,634* PC **A02**/MF **A01**

**PNL-SA-12382**
Evaluation of Chemical Stabilizers and Windscreens for Wind Erosion Control of Uranium Mill Tailings.
DE85000828 **07**-*515,396* PC **A02**/MF **A01**

**PNL-SA-12393**
Remote Removal of Contaminated Equipment from a Radiochemical Engineering Cell.
DE85004556 **11**-*525,099* PC **A02**/MF **A01**

**PNL-SA-12395**
Ambient Krypton-85 Air Sampling at Hanford.
DE85003602 **09**-*520,070* PC **A02**/MF **A01**

**PNL-SA-12397**
How Are Things Going. Obtaining Feedback in a Regulatory Environment.
DE85000367 **08**-*517,485* PC **A02**/MF **A01**

**PNL-SA-12398**
Dry Storage of LWR Spent Fuel in the US: a Status Report.
DE85000398 **04**-*510,046* PC **A02**/MF **A01**

**PNL-SA-12401**
Pulp and Paper Industry Energy Impacts Through Implementation of Biotechnologies.
DE85002377 **07**-*515,019* PC **A02**/MF **A01**

**PNL-SA-12403**
Sixteenth Thermochemical Conversion Contractors' Meeting: Proceedings.
DE85001151 **09**-*520,815* PC **A21**/MF **A01**

**PNL-SA-12404**
Remote Features of a Radioactive Liquid-Fed Ceramic Melter System.
DE85000364 **09**-*519,984* PC **A02**/MF **A01**

**PNL-SA-12407**
Portable Dose Equivalent Meter Based on Microdosimetry.
DE85003636 **09**-*519,961* PC **A02**/MF **A01**

**PNL-SA-12409**
Pocket Total Dose Meter.
DE85005288 **11**-*523,882* PC **A02**/MF **A01**

**PNL-SA-12412**
Mutagenicity and Carcinogenicity of Polycyclic Aromatic Enriched Fractions from Coal Liquefaction Materials.
DE85000375 **04**-*508,677* PC **A02**/MF **A01**

**PNL-SA-12414**
Coincidence Techniques to Study Electron Emission in Ion-Atom Collisions.
DE85003635 **08**-*518,003* PC **A02**/MF **A01**

**PNL-SA-12416S**
DOE'S Remedial Action Assurance Program.
DE85009320 **15**-*534,594* PC **A02**/MF **A01**

**PNL-SA-12418**
Evaluation of Analytical Results on DOE Quality Assessment Program Samples.
DE85007196 **13**-*530,166* PC **A02**/MF **A01**

**PNL-SA-12423**
Secondary Standards Laboratories for Ionizing Radiation Calibrations: The National Laboratory Interests.
DE85007046 **22**-*551,130* PC **A02**/MF **A01**

**PNL-SA-12425**
Estimated Cost of Stress Corrosion Cracking in Continuous Kraft Digesters Between 1980 and 1983 in the United States.
DE85002524 **06**-*513,536* PC **A02**/MF **A01**

**PNL-SA-12426**
Pipe to Pipe Impact.
DE85000368 **05**-*512,323* PC **A02**/MF **A01**

**PNL-SA-12427**
Comparative Solubility and Acute Toxicity to Daphnia Magna of Coal Liquids, Shale Oil and Petroleum.
DE85003637 **10**-*523,145* PC **A02**/MF **A01**

**PNL-SA-12428**
Handbook for Value-Impact Assessments of NRC Regulatory Actions.
DE85003643 **08**-*517,634* PC **A02**/MF **A01**

**PNL-SA-12439**
Current Practices in Environmental Radiological Surveillance at US Department of Energy Nuclear Facilities.
DE85006888 **13**-*530,162* PC **A02**/MF **A01**

**PNL-SA-12441**
Review of Standards and Guidelines Pertinent to DOE'S Remedial Action Programs.
DE85005289 **15**-*534,579* PC **A02**/MF **A01**

**PNL-SA-12442**
Validation of Geochemical Models.
DE85000356 **04**-*508,907* PC **A02**/MF **A01**

**PNL-SA-12443**
DOE'S Assurance Program for Remedial Action (APRA).
DE85005442 **11**-*525,121* PC **A02**/MF **A01**

**PNL-SA-12444**
Projectile Foundation Moment Generation.
DE85012459 **23**-*554,135* PC **A02**/MF **A01**

**PNL-SA-12446**
Transportation Dose Analysis Using an Interactive Menu-Driven Computer Program.
DE85005803 **12**-*527,769* PC **A02**/MF **A01**

**PNL-SA-12449**
Subsurface Monitoring Methods for Radioactive Waste Disposal or Storage Facilities.
DE85006091 **11**-*525,201* PC **A02**/MF **A01**

**PNL-SA-12455**
Investigation of Groundwater Seepage on the Hanford Shoreline of the Columbia River.
DE85006090 **11**-*525,200* PC **A02**/MF **A01**

**PNL-SA-12456**
Gasification of Biomass for the Production of Methanol and Ammonia.
DE85000372 **04**-*510,462* PC **A02**/MF **A01**

**PNL-SA-12457**
Role of Environments in Managing Data Analysis.
DE85000397 **04**-*509,103* PC **A02**/MF **A01**

**PNL-SA-12461**
Models for Mixture Experiments when the Response Depends on the Total Amount.
DE85000370 **04**-*509,509* PC **A03**/MF **A01**

**PNL-SA-12464**
Materials Considerations in Interim Storage of Spent Fuels.
DE85010305 **18**-*541,539* PC **A02**/MF **A01**

**PNL-SA-12466**
Hanford Study: A Review of Its Limitations and Controversial Conclusions.
DE85002536 **08**-*516,297* PC **A02**/MF **A01**

**PNL-SA-12471**
Methodology for Determining the Relationship Between Toxicity and the Aqueous Speciation of a Metal.
DE85012442 **22**-*549,950* PC **A03**/MF **A01**

**PNL-SA-12474**
Organizational Tools for Data Analysis Environments.
DE85000396 **04**-*509,102* PC **A02**/MF **A01**

**PNL-SA-12475**
Overview of NRC Funded NDE Research at US Pacific Northwest Laboratory.
DE85003117 **08**-*517,627* PC **A02**/MF **A01**

**PNL-SA-12477**
Plutonium Interactions with Soil Microbial Metabolites: Effect on Plutonium Sorption by Soil.
DE85007427 **20**-*544,851* PC **A04**/MF **A01**

**PNL-SA-12478**
Federal Laboratory Research Benefitting the Pulp and Paper Industry.
DE85007043 **13**-*529,531* PC **A02**

**PNL-SA-12486**
Thermal Conversion of Biomass: Progress and Prospects.
DE85007556 **13**-*530,651* PC **A02**/MF **A01**

**PNL-SA-12488**
Overview Criteria for the Environmental, Safety and Health Evaluation of Remedial Action Project Planning.
DE85006960 **13**-*530,089* PC **A02**/MF **A01**

**PNL-SA-12489**
Ranking System for Mixed Radioactive and Hazardous Waste Sites.
DE85007506 **13**-*530,106* PC **A02**/MF **A01**

**PNL-SA-12490**
Influence of Individual Reflections on the Precision of Parameter Estimates in Least Squares Refinement.
DE85000830 **07**-*515,521* PC **A03**/MF **A01**

**PNL-SA-12495**
Coincidence Studies of Secondary Electron Emission in Light Ion-Atom Collisions.
DE85002373 **06**-*513,246* PC **A03**/MF **A01**

**PNL-SA-12498**
Ultrasonic Dispersion of Soils for Routine Particle Size Analysis: Recommended Procedures.
DE85005530 **12**-*526,866* PC **A02**/MF **A01**

**PNL-SA-12500**
Integration of Human Reliability Analysis into the Probabilistic Risk Assessment Process: Phase 1.
DE85002537 **08**-*517,617* PC **A02**/MF **A01**

**PNL-SA-12501**
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DE85003640 **09**-*520,015* PC **A02**/MF **A01**

**PNL-SA-12508**
Transport Assessment - Arid: Measurement and Prediction of Water Movement Below the Root Zone.
DE85000834 **07**-*515,398* PC **A02**/MF **A01**

**PNL-SA-12509**
Development of HWVP Melter/Turntable Components for Canyon-Remote Maintenance and Replacement.
DE85010308 **18**-*541,541* PC **A02**/MF **A01**

**PNL-SA-12512**
Double Sampling as a Cost-Effective Method to Estimate Mean or Total Amounts of Radioactivity.
DE85003113 **08**-*517,583* PC **A02**/MF **A01**

**PNL-SA-12518**
Organic Complexant-Enhanced Mobility of Toxic Elements in Low-Level Wastes.
DE85002375 **07**-*515,410* PC **A02**/MF **A01**

**PNL-SA-12522**
Nuclear Waste Glass Composition Limitations.
DE85000394 **04**-*510,045* PC **A02**/MF **A01**

**PNL-SA-12523**
TRAN-STAT: Statistics for Environmental Studies.
DE85000829 **05**-*512,291* PC **A03**/MF **A01**

**PNL-SA-12531**
Results of Research Utilizing a Retired from Service PWR Steam Generator.
DE85003108 **08**-*517,626* PC **A02**/MF **A01**

**PNL-SA-12535**
Safety, How Much Is Enough - a Study of Residual Risk.
DE85003641 **09**-*518,745* PC **A02**/MF **A01**

**PNL-SA-12536**
Catalysts for Biomass Gasification.
DE85006968 **13**-*530,625* PC **A02**/MF **A01**

**PNL-SA-12538**
Evaluation of the Performance of Solidified Commercial Low-Level Wastes in an Arid Climate.
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**PNL-SA-12540**
Portable Microdosimetry System.
DE85000841 **07**-*514,655* PC **A02**/MF **A01**

**PNL-SA-12545**
Non-Fuel Hardware Characterization: Disposal Concerns.
DE85010050 **17**-*538,982* PC **A02**/MF **A01**

**PNL-SA-12546**
DOE Personnel Neutron Dosimetry Evaluation and Upgrade Program.
DE85007150 **13**-*530,026* PC **A02**/MF **A01**

**PNL-SA-12548**
Summary of Detection, Location, and Characterization Capabilities of AE for Continuous Monitoring of Cracks in Reactors.
DE85005294 **13**-*530,041* PC **A02**/MF **A01**

**PNL-SA-12549**
Radionuclide Complexation in Xylem Exudates of Plants.
DE85013446 **22**-*549,847* PC **A02**/MF **A01**

**PNL-SA-12560**
Engineered Sorbent Barriers for Low-Level Waste.
DE85000833 **07**-*515,397* PC **A02**/MF **A01**

**PNL-SA-12562**
Overview of Nonchemical Decontamination Techniques.
DE85010054 **17**-*538,983* PC **A02**/MF **A01**

**PNL-SA-12565**
Operational and Long-Term Performance Assessment for Hanford Grout.
DE85010057 **20**-*546,230* PC **A02**/MF **A01**

**PNL-SA-12569**
Field Sampling Design and Method of Statistical Analysis to Define the Areal Extent of PCB Contamination in Low-Level Waste Pond Sediments.
DE85009433 **17**-*538,962* PC **A02**/MF **A01**

**PNL-SA-12571**
Instrumentation Concepts for Nuclear Waste Glass Melters.
DE85009430 **17**-*538,960* PC **A02**/MF **A01**

**PNL-SA-12573**
Time Resolved Raman Studies of Laser Induced Damage in TiO sub 2 Optical Coatings.
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**PNL-SA-12575**
Testing the Economic Effectiveness of Proposed Revisions to ASHRAE Standard 90.
DE85007502 **25**-*558,562* PC **A02**/MF **A01**

**PNL-SA-12576**
Dry Storage - Past, Present, and Future.
DE85003115 **08**-*517,540* PC **A02**/MF **A01**

**PNL-SA-12578**
Role of Groundwater Flow on Release Rate Behavior of Borosilicate Glass.
DE85005287 **11**-*525,114* PC **A02**/MF **A01**

**PNL-SA-12584**
Exercise Evaluation and Simulation Facility (EESF).
DE85007501 **17**-*538,903* PC **A02**/MF **A01**

**PNL-SA-12585**
Effects of Water Condensation on Aerosol Particles in PWR Ice Beds and BWR Suppression Pools.
DE85005290 **14**-*532,451* PC **A02**/MF **A01**

**PNL-SA-12586**
Simulated Dry Storage Test of a Spent PWR Nuclear Fuel Assembly in Air.
DE85009434 **17**-*538,963* PC **A02**/MF **A01**

**PNL-SA-12587**
Experimental Program to Determine Maximum Temperatures for Dry Storage of Spent Fuel.
DE85010307 **18**-*541,540* PC **A02**/MF **A01**

**PNL-SA-12594**
1315 nm Dielectric Mirror Fabrication by Reactive Sputtering.
DE85003118 **08**-*517,780* PC **A02**/MF **A01**

**PNL-SA-12604**
Chemical Implications of Heat and Radiation Damage to Rock Salt.
DE85006858 **13**-*529,039* PC **A02**/MF **A01**

**PNL-SA-12611**
Problems with Radiological Surveillance Instrumentation.
DE85003017 **09**-*519,941* PC **A02**/MF **A01**

**PNL-SA-12614**
Reference Materials for Nuclear Waste Investigation.
DE85009316 **17**-*538,958* PC **A02**/MF **A01**

**PNL-SA-12616**
Variance of Measurements from a Calibration Function Derived from Data Which Exhibit Run-to-Run Differences.
DE85004554 **10**-*522,868* PC **A02**/MF **A01**

**PNL-SA-12622**
Current Regulatory and Licensing Status for Byproduct Sources, Facilities and Applications.
DE85010967 **19**-*543,818* PC **A02**/MF **A01**

**PNL-SA-12625**
Irradiation of Northwest Agricultural Products.
DE85012455 **21**-*547,577* PC **A02**/MF **A01**

**PNL-SA-12626**
MCC-15: Waste/Canister Accident Testing and Analysis Method.
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**PNL-SA-12632**
Oxidation of UO sub 2 at 150 to 350 degrees C.
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**PNL-SA-12637**
Feasibility of Meltcasing Strontium Fluoride to Produce High-Density Heat Sources.
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**PNL-SA-12638**
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**PNL-SA-12644**
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**PNL-SA-12649**
Logistics Analysis in Support of DOE Fee Adequacy Report.
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**PNL-SA-12656**
Observation and Identification of Crack Growth Modes in Reactor Steels Using Acoustic Emission.
DE85006624 **13**-*530,203* PC **A07**/MF **A01**

**PNL-SA-12658**
Decay Heat and Heat Transfer Predictions for Spent Fuel Storage Systems.
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**PNL-SA-12662**
Use of Capture Data to Quantify Change and Test for Effects on the Abundance of Wild Populations.
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**PNL-SA-12663**
Spent Fuel Storage Requirements.
DE85010304 **18**-*541,538* PC **A02**/MF **A01**

**PNL-SA-12666**
Comparative Study of Fracture Planes Computed from Topography and Lineaments from Imagery with Structures and Mineralization in the Magnetic Belt of Washington State.
DE85010972 **19**-*542,914* PC **A02**/MF **A01**

**PNL-SA-12667**
Steam Generator Tube Vibration Tests.
DE85003599 **10**-*522,814* PC **A02**/MF **A01**

**PNL-SA-12670**
Comparison of MESOI Atmospheric Dispersion Estimates with Data and Estimates from Other Models.
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**PNL-SA-12673**
Determination of Hydrogen Donating Properties of Coal Liquefaction Process Solvents.
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**PNL-SA-12678**
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**PNL-SA-12680**
Health Physics Instrumentation Needs.
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**PNL-SA-12687**
Generalized Waste Package Containment Model.
DE85012248 **23**-*553,903* PC **A02**/MF **A01**

**PNL-SA-12698**
Rapid Analysis Using Capillary Supercritical Fluid Chromatography.
DE85012460 **22**-*549,994* PC **A02**/MF **A01**

**PNL-SA-12700**
Carcinogenesis, Metabolism and DNA-Binding Studies of Complex Organic Mixtures.
DE85007153 **13**-*528,870* PC **A02**/MF **A01**

**PNL-SA-12708**
Development of Improved Risk Assessment Tools for Prioritizing Hazardous and Radioactive-Mixed Waste Disposal Sites.
DE85003629 **08**-*517,555* PC **A02**/MF **A01**

**PNL-SA-12709**
Organics Contamination of Groundwater: An Open Literature Review.
DE85003601 **11**-*524,116* PC **A02**/MF **A01**

**PNL-SA-12711**
Appliance Use in Photovoltaic-Powered Residences.
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**PNL-SA-12715**
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**PNL-SA-12723**
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DE85007022 **13**-*528,337* PC **A03**/MF **A01**

**PNL-SA-12731**
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DE85005295 **12**-*527,216* PC **A02**/MF **A01**

**PNL-SA-12738**
High Temperature Raman Studies of Phase Transitions in Thin Film Dielectrics.
DE85010973 **18**-*540,800* PC **A02**/MF **A01**

**PNL-SA-12739**
Skeletal Lesions from Inhaled Plutonium in Beagles.
DE85007763 **15**-*533,437* PC **A02**/MF **A01**

**PNL-SA-12746**
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**PNL-SA-12756**
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DE85012448 **23**-*554,253* PC **A02**/MF **A01**

**PNL-SA-12758**
Sup 76 Ge Double beta Decay Experiment at Homestake.
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**PNL-SA-12772**
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**PNL-SA-12773**
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**PNL-SA-12774**
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**PNL-SA-12826**
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**PNL-SA-12830**
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**PNL-SA-12835**
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**PNL-SA-12841**
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**PNL-SA-12846**
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**PNL-SA-12847**
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DE85010975 **19**-*543,216* PC **A03**/MF **A01**

**PNL-SA-12850**
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DE85012454 **22**-*549,845* PC **A03**/MF **A01**

**PNL-SA-12852**
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**PNL-SA-12858**
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DE85013040 **24**-*556,791* PC **A02**/MF **A01**

**PNL-SA-12860**
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DE85012453 **23**-*552,936* PC **A03**/MF **A01**

**PNL-SA-12862**
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DE85012451 **23**-*552,934* PC **A02**/MF **A01**

**PNL-SA-12863**
ELCAP (End-Use Load and Conservation Assessment Program) Instrumentation.
DE85013042 **22**-*550,867* PC **A02**/MF **A01**

**PNL-SA-12864**
ELCAP (End-Use Load and Conservation Program): Data Aquisition and Management.
DE85012452 **23**-*552,935* PC **A02**/MF **A01**

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**PNL-SA-12887**
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DE85013278 **21**-*548,856* PC **A02**/MF **A01**

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**PNL-SA-12940**
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**PNL-SA-12953**
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**PNL-SA-12976**
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**PNL-SA-12990**
Energy Balance in a Deep Colorado Valley: ASCOT 84.
DE85012441 **22**-*549,409* PC **A02**/MF **A01**

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**PNL-SA-13094**
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**PNL-SA-13122**
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**PNL-SA-13155**
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DE85012794 **22**-*549,925* PC **A02**/MF **A01**

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**PNL-SA-13195**
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**PNL-SA-13282**
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**PNL-4954**
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**PNL-5027**
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**PNL-5038**
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**PNL-5053**
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**PNL-5064**
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Effects of Hydrologic Variables on Rock Riprap Design for Uranium Tailings Impoundments,
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**PNL-5091**
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**PNL-5092**
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**PNL-5122**
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**PNL-5123**
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Neutron Dosimetry at Commercial Nuclear Plants. Annual Report of Subtask D: TEPC Feasibility.
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OSCAR Experiment High-Density Network Data Report: Event 4 - April 21-23, 1981.
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**PNL-5158**

Computerized Annunciator Systems.
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**PNL-5160**

Analysis of Japanese-U.S. Nuclear Power Plant Maintenance.
NUREG/CR-3883 **20**-*546,174* PC **A06**/MF **A01**

**PNL-5164**

Technology for Uranium Mill Ponds Using Geomembranes,
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**PNL-5168**

Methodology for Physical Modeling of Melter Electrode Power Plug.
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**PNL-5173**

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**PNL-5177**

Arid Site Water Balance: Evapotranspiration Modeling and Measurements.
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**PNL-5179**

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**PNL-5181-VOL-1**

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**PNL-5195**

ECUT Energy Data Reference Series: Boilers.
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**PNL-5211**

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**PNL-5215**

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DE85009992 **15**-*533,570* PC **A09**/MF **A01**

**PNL-5218**

Fabrication and Properties of Tungsten Heavy Metal Alloys Containing 30% to 90% Tungsten.
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**PNL-5221**

Lung-Clearance Classification of Radionuclides in Calcined Phosphate Rock Dust.
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**PNL-5222**

Settlement of Uranium Mill Tailings Piles: A Comparison of Analysis Techniques,
NUREG/CR-3972 **10**-*522,703* PC **E05**/MF **A01**

**PNL-5223**

ECORLOG Computer Application Users' and Programmers' Guides.
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**PNL-5225**

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**PNL-5231**

1984 Federal Interim Storage Fee Study: A Technical and Economic Analysis.
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**PNL-5236**

Spent Fuel Shipping Cask Handling Capability Assessment of 27 Selected Light Water Reactors.
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**PNL-5237**

Verification and Benchmarking of MAGNUM-2D: A Finite Element Computer Code for Flow and Heat Transfer in Fractured Porous Media.
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**PNL-5238**

Rotationally Sampled Wind Characteristics and Correlations with MOD-OA Wind Turbine Response.
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**PNL-5239**

Modeled Atmospheric Radon Concentrations from Uranium Mines.
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**PNL-5240**

In Situ Vitrification Pilot-Scale Radioactive Test.
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**PNL-5242**

Mesoscale Storm and Dry Period Parameters from Hourly Precipitation Data: Program Documentation.
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Rooting Depth and Distributions of Deep-Rooted Plants in the 200 Area Control Zone of the Hanford Site.
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**PNL-5250**

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**PNL-5251**

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DE85003886 **08**-*517,559* PC **A03**/MF **A01**

**PNL-5254**

Consolidation of Simulated Nuclear Metallic Waste by Vacuum Coreless Induction Melting.
DE85003666 **08**-*517,557* PC **A03**/MF **A01**

**PNL-5255**

Assessment of Industry Views on International Business Prospects for Solar Thermal Technology.
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DE85003661 **09**-*520,138* PC **A03**/MF **A01**

**PNL-5259**

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**PNL-5261**

Leak Detectors for Organic Rankine Cycle Power Plants: On-Line and Manual Methods.
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**PNL-5263**

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**PNL-5264**

Uptake and Fate of Phenol and Aniline in Rainbow Trout and Daphnids During Single-Compound and Complex-Mixture Exposures.
DE85002802 **06**-*513,201* PC **A03**/MF **A01**

**PNL-5271**

State Energy Price System: 1982 Update.
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**PNL-5272**

HEDL (Hanford Engineering Development Laboratory) Air Filter Examination System Software.
DE85000043 **09**-*519,806* PC **A06**/MF **A01**

**PNL-5273**

Effects of Inhalation Exposure to SRC-II Heavy and Middle Distillates.
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**PNL-5274**

Preliminary Chemical Analysis and Biological Testing of Materials from the HRI Catalytic Two-Stage Liquefaction (CTSL) Process.
DE85007497 **13**-*530,649* PC **A04**/MF **A01**

**PNL-5278**

Effects of Particle Size and Velocity on Burial Depth of Airborne Particles in Glass Fiber Filters.
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**PNL-5280**

Capabilities of Laser Diagnostics for Combustion and Flowfields.
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**PNL-5281**

Applications of Laser Diagnostics in Energy Conservation Research.
DE85007498 **13**-*529,601* PC **A04**/MF **A01**

**PNL-5283**

Non-Precipitating Cumulus Cloud Study.
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Near-Term Commercial Spent Fuel Shipping Cask Requirements.
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**PNL-5289**

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**PNL-5295**

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**PNL-5300-VOL-1**

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**PNL-5300-VOL-3**

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**PNL-5301**

Pulse Combustion: An Assessment of Opportunities for Increased Efficiency.
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**PNL-5302**

Characterization of Chemical Waste Site Contamination and Its Extent Using Bioassays.
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**PNL-5314**

Potential Conservation Opportunities from the Use of Low-Pressure Irrigation in the Pacific Northwest Region.
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**PNL-5315**

Conversion of Transuranic Waste to Low Level Waste by Decontamination: A Technical and Economic Evaluation.
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**PNL-5318**

Leachate Plume Migration Downgradient from Uranium Tailings Disposal in Mine Stopes,
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**PNL-5319**

Methods of Minimizing Ground-Water Contamination from In situ Leach Uranium Mining: Final Report.
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**PNL-5320**

Radiological Assessment of the Town of Edgemont.
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**PNL-5323**

Designing Protective Covers for Uranium Mill Tailings Piles: A Review,
NUREG/CR-4075 17-*539,039* PC **A03**/MF **A01**

**PNL-5324**

Determination of Compliance with Criteria for Final Tailings Disposal Site Reclamatiion,
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**PNL-5325**

Assembly, Operation and Disassembly Manual for the Battelle Large Volume Water Sampler (BLVWS).
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**PNL-5328**

Radioluminescent Lighting for Alaskan Runway Lighting and Marking.
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**PNL-5330**

Potential for Energy Conservation in the Cement Industry.
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**PNL-5331**

Consequence Analysis of a Hypothetical Contained Criticality Accident in the Hanford Critical Mass Laboratory.
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**PNL-5337**

Genotoxicity of Complex Mixtures: CHO Cell Mutagenicity Assay.
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**PNL-5338**

Methods for Estimating Radioactive and Toxic Airborne Source Terms for Uranium Milling Operations.
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**PNL-5339**

Measurements of Uranium Mill Tailings Consolidation Characteristics.
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**PNL-5340**

Evaluation of Field-Tested Fugitive Dust Control Techniques for Uranium Mill Tailings Piles.
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**PNL-5341**

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**PNL-5344**

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**PNL-5345**

Hanford Environmental Monitoring Program Schedule for Samples, Analyses, and Measurements for Calendar Year 1985.
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**PNL-5347**

Acceptability Testing of Radioluminescent Lights for VFR-Night Air Taxi Operations.
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**PNL-5350**

Evaluation of Instrumental Methods for the Measurement of Yellowcake Emissions.
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**PNL-5352**

Grout Pump Selection Process for the Transportable Grout Facility.
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**PNL-5354**

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**PNL-5357**

Potential Conservation Opportunities from Fittings Redesign, Mainline Modification, and Pump Efficiency Improvement in Irrigation Systems of the Pacific Northwest.
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**PNL-5358**

Prototype Air Cleaning System for a Firing Range.
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**PNL-5359**

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**PNL-5361**

Monitoring Methods for Determining Compliance with Decommissioning Cleanup Criteria at Uranium Recovery Sites.
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**PNL-5365**

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**PNL-5377**

Moisture and Textural Variations in Unsaturated Soils/Sediments Near the Hanford Wye Barricade.
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**PNL-5380**

Potential Value of Cs-137 Capsules.
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Mailed Survey: A Technique for Obtaining Feedback from Operations Personnel.
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**PNL-5383**

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**PNL-5384**

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**PNL-5386**

Emission Control Technology and Quality Assurance Needs at Uranium Milling Facilities (Includes Supporting Methods for Testing, Operating, and Maintaining Air Pollution Control Devices).
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**PNL-5388**

Applications of Foreign Probabilistic Safety Assessment Experience to the U.S. Nuclear Regulatory Process.
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Importance Ranking Based on Aging Considerations of Components Included in Probabilistic Risk Assessments.
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**PNL-5393**

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**PNL-5394**

High Level Radioactive Waste Vitrification Process Equipment Component Testing.
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**PNL-5396**

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**PNL-5404**

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Integrated Assessment of Conservation Opportunities in the Irrigated Agriculture Sector of the Pacific Northwest Region.
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**PNL-5407**

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**PNL-5410**

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Potential Behavior of Depleted Uranium Penetrators under Shipping and Bulk Storage Accident Conditions.
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**PNL-5416**

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**PNL-5421**

Analysis of Drainage and Consolidation at Typical Uranium Mill Tailings Sites.
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**PNL-5422**

Preliminary Analysis of Patent Trends for Sodium/Sulfur Battery Technology.
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**PNL-5423**

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**PNL-5424**

Siting of an MRS Facility: Identification of a Geographic Region That Reduces Transportation Requirements.
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**PNL-5428**

Unsaturated Water Flow at the Hanford Site: A Review of Literature and Annotated Bibliography.
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**PNL-5433**

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**PNL-5434**

Harvester Ant Bioassay for Assessing Hazardous Chemical Waste Sites.
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**PNL-5435**

Recommendations for NRC (Nuclear Regulatory Commission) Policy on Shift Scheduling and Overtime at Nuclear Power Plants,
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**PNL-5437**

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**PNL-5438**

Permeability, Geochemical, and Water Quality Tests im Support of an Aquifer Thermal Energy Storage Site in Minnesota.
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**PNL-5440**

Verification of Theoretically Computed Spectra for a Point Rotating in a Vertical Plane.
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**PNL-5442**

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**PNL-5446**

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**PNL-5453**

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**PNL-5462**

Project on Restaurant Energy Performance: End-Use Monitoring and Analysis.

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**PNL-5463**
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**PNL-5465**
Radar Location Equipment Development Program: Phase 1.
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**PNL-5466**
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**PNL-5477**
Vibration and Wear in Steam Generator Tubes Following Chemical Cleaning.
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**PNL-5483**
Photovoltaic Industry Progress Through 1984.
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**PNL-5486**
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**PNL-5487**
Empirical Analysis of Selected Nuclear Power Plant Maintenance Factors and Plant Safety,
NUREG/CR-4281 **21**-*548,956* PC **A04**/MF **A01**

**PNL-5488**
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**PNL-5525**
Sensitivity Analysis of Conservation Opportunities in the Irrigated Agriculture Sector of the Pacific Northwest.
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**PNL-5527**
Assurance Program for Remedial Action (APRA) Microcomputer-Operated Bibliography Management System.
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**PNL-5528**
Fractionally Distilled SRC-I, SRC-II, EDS, H-Coal and ITSL Direct Coal Liquefaction Process Materials: A Comparative Summary of Chemical Analysis and Biological Testing.
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**PNR-90209**
Applications of Fibre Optics in Gas Turbine Engine Instrumentation.
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**PNR-90216**
Finite Element Method for the Solution of Two-Dimensional Transonic Flows in Cascades.
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**PNR-90223**
Comparison of Measured and Predicted Unsteady Pressure on a Fan Blade in Unstalled Supersonic Flutter.
N85-16839/1 **11**-*523,225* PC **A02**/MF **A01**

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Laminar Separation Bubble with Transition: Prediction Test with Local Interaction.
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**PNR-90235**
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N85-18616/1 **12**-*527,410* PC **A02**/MF **A01**

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Millimeter Wave Generation by Relativistic Electron Beams.
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Research on System Maintainability, Availability, and Cost Models.
AD-A157 324/5 **23**-*553,719* PC **A03**/MF **A01**

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**PP-583**
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**PPPL-TRANS-130**
Modeling of Plasma Heating with Neutral Beam Injection in T-11 Machine.
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**PPPL-2076**
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Magnetic Field Line Hamiltonian.
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**PPPL-2102**
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**PPPL-2103**
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**PPPL-2114**
Major Results of the Electron Cyclotron Heating Experiment in the PDX Tokamak.
DE84017066 **03**-*507,632* PC **A03**/MF **A01**

**PPPL-2117**
PLT Ion Cyclotron Range of Frequencies Heating Program.
DE85002125 **04**-*510,341* PC **A03**/MF **A01**

**PPPL-2120**
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DE85002714 **07**-*515,336* PC **A02**/MF **A01**

**PPPL-2123**
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DE84017070 **02**-*504,604* PC **A02**/MF **A01**

**PPPL-2124**
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DE85002116 **04**-*510,340* PC **A03**/MF **A01**

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Optical Pumping Production of Spin Polarized Hydrogen.
DE85002130 **04**-*509,996* PC **A02**/MF **A01**

**PPPL-2126**
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DE84017128 **03**-*506,925* PC **A02**/MF **A01**

**PPPL-2128**
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DE84017064 **02**-*505,038* PC **A03**/MF **A01**

**PPPL-2129**
Safety Assessment for the RF Test Facility.
DE84017063 **07**-*515,310* PC **A05**/MF **A01**

**PPPL-2130**
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DE84017067 **02**-*505,039* PC **A03**/MF **A01**

**PPPL-2131**
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DE84017062 **02**-*505,037* PC **A03**/MF **A01**

**PPPL-2132**
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Measurements of Low Energy Neutral Hydrogen Efflux During ICRF Heating.
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Observation of Finite- beta MHD Phenomena in Tokamaks.

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**PPPL-2136**

Tokamak Ion Temperature and Poloidal Field Diagnostics Using 3 MeV Protons.
DE85002725 **06**-*514,224* PC **A04**/MF **A01**

**PPPL-2137**

Fast Ion Profiles During Neutral Beam and Lower Hybrid Heating.
DE85015308 **24**-*556,265* PC **A02**/MF **A01**

**PPPL-2138**

Theory and Simulation of Fishbone-Type Instabilities in Beam-Heated Tokamaks.
DE85002126 **04**-*509,994* PC **A02**/MF **A01**

**PPPL-2139**

Waves in Plasmas: Some Historical Highlights.
DE84017069 **02**-*505,041* PC **A03**/MF **A01**

**PPPL-2140**

Magnetohydrodynamic Ballooning Instabilities Excited by Energetic Trapped Particles.
DE85002114 **04**-*509,991* PC **A03**/MF **A01**

**PPPL-2142**

Anomalous Transport and Confinement Scaling Studies in Tokamaks.
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**PPPL-2143**

Study of Stellarator Devices by Expansion Techniques.
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**PPPL-2144**

Theoretical Studies of Lower Hybrid Current Drive and Ion-Cyclotron Heating in Tokamaks.
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**PPPL-2145**

Transport of Neutral Atoms and Molecules in TFCX.
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**PPPL-2146**

Area Safety Program for the Tokamak Fusion Test Reactor (TFTR).
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**PPPL-2147**

Collective Effects in Spin Polarized Plasmas.
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**PPPL-2148**

Reduced Equations for Finite beta Tearing Modes in Tokamaks.
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**PPPL-2149**

PPPL Tokamak Program.
DE85002703 **07**-*515,334* PC **A03**/MF **A01**

**PPPL-2150**

Electron Temperature Measurements During Electron Cyclotron Heating on PDX Using a Ten Channel Grating Polychromator.
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**PPPL-2151**

Electron Energy Transport and Magnetic Curvature Driven Modes.
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**PPPL-2152**

Comparison of the Theory and the Practice of RF Current Drive.
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**PPPL-2153**

Ohm's Law for Mean Magnetic Fields.
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**PPPL-2154**

Hamiltonian Representation of Divergence-Free Fields.
DE85004400 **08**-*518,052* PC **A02**/MF **A01**

**PPPL-2155**

Kinetic Analysis of MHD Ballooning Modes in Tokamaks.
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**PPPL-2156**

Charge-Exchange Measurements of Beam Ion Thermalization in MHD-Quiescent Plasmas in the Poloidal Divertor Experiment.
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**PPPL-2157**

Global Energy Confinement Scaling for Neutral-Beam-Heated Tokamaks.
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**PPPL-2158**

Experimental Observations of the Coupling Between Induced Currents and Mechanical Motion in Torsionally Supported Square Loops and Plates. Part 1. Experimental Analysis.
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Experimental Observations of the Coupling Between Induced Currents and Mechanical Motion in Torsionally Supported Square Loops and Plates. Part 2. Data Inventory.
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**PPPL-2160**

Two-Chamber Model for Divertors with Plasma Recycling.
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**PPPL-2161**

Forced Magnetic Reconnection.
DE85004396 **09**-*519,918* PC **A03**/MF **A01**

**PPPL-2162**

New Method for Computing Ideal MHD Normal Modes in Axisymmetric Toroidal Geometry.
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**PPPL-2163**

Partial Pressure Analysis of Plasmas.
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**PPPL-2164**

Divertor and Scoop Limiter Experiments on PDX.
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**PPPL-2165**

Studies of Energetic Ion Confinement During Fishbone Events in PDX.
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**PPPL-2166**

Application of the MHD Energy Principle to Magnetostatic Atmospheres.
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**PPPL-2167**

Electromagnetic Two-Dimensional Analysis of Trapped-Ion Eigenmodes.
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**PPPL-2168**

Measurement of alpha Particles on PLT.
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**PPPL-2169**

Measurements of Current Penetration During PDX Discharge Start-Up.
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**PPPL-2170**

Fusion gamma Diagnostics.
DE85005344 **11**-*525,540* PC **A02**/MF **A01**

**PPPL-2171**

Far-Infrared Laser Scattering in the ACT-I Toroidal Device.
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**PPPL-2172**

Charge-Exchange Recombination Spectroscopy Measurements of Ion Temperature and Plasma Rotation in PBX.
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**PPPL-2173**

TFTR Horizontal High-Resolution Bragg X-Ray Spectrometer.
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**PPPL-2174**

Performance of the TFTR Bolometers.
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**PPPL-2175**

Particle Fueling and Impurity Control in PDX.
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Stability Analysis of Two-Dimensional Models of Three-Dimensional Convection.
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**PPPL-2177**

Parasitic Excitation of Ion Bernstein Waves from a Faraday Shielded Fast Wave Loop Antenna.
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Observation of the Backward Electrostatic Ion Cyclotron Wave.
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Neutral Beam Species Measurements Using in Situ Rutherford Backscatter Spectrometry.
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**PPPL-2180**

Tilt Stability of Rotating Current Rings with Passive Conductors.
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**PPPL-2181**

Charge Exchange Recombination Spectroscopy as a Plasma Diagnostic Tool.
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**PPPL-2182**

TFTR/JET INTOR Workshop on Plasma Transport Tokamaks.
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Measurements of the Electrostatic and Electromagnetic Fields of Faraday Shielding Half-Turn Loop Type ICRF Antennae.
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**PPPL-2184**

Nonideal Magnetohydrodynamic Instabilities and Toroidal Magnetic Confinement.
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**PPPL-2185**

Theory of Semicollisional Drift-Interchange Modes in Cylindrical Plasmas.
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Electron Cyclotron Heating of a Tokamak Reactor at down-Shifted Frequencies.
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Coupling of Mechanical Dynamics and Induced Currents in a Cantilever Beam.
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Measurement of Wall Radiation in the Soft X-Ray Region of PDX.
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Evolution of Twisted Magnetic Fields.
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**PPPL-2190**

Reaching Ignition in the Tokamak.
DE85015100 **24**-*556,262* PC **A03**/MF **A01**

**PPPL-2191**

Low Temperature Plasma Near a Tokamak Reactor Limiter.
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**PPPL-2192**

Impurity and Particle Control for INTOR.
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Confinement Studies of Ohmically Heated Plasmas in TFTR.
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**PPPL-2194**

Performance of the PDX Neutral Beam Wall Armor.
DE85008709 **15**-*534,531* PC **A02**/MF **A01**

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Helical Axis Stellarator Equilibrium Model.
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**PPPL-2196**

Z Limit of Elements in the Universe.
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**PPPL-2197**

Theory and Simulations of Current Drive Via Injection of an Electron Beam in the ACT-1 Device.
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**PPPL-2198**

Plasma Confinement.
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**PPPL-2199**

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Current Ramp-Up by Lower Hybrid Waves in the PLT Tokamak.
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One Millimeter Wave Interferometer for the Measurement of Line Integral Electron Density on TFTR.
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**PPPL-2202**

New Method for Recovering Weak Coherent Radio Frequency Signals.
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**PPPL-2204**

Modeling of the Electron Distribution Based on Bremsstrahlung Emission During Lower Hybrid Current Drive on PLT.
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**PPPL-2205**

Asymptotic Analysis of RF-Heated Collisional Plasma.
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**PPPL-2208**

Ion Cyclotron Heating Experiments in PLT.
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**PPPL-2209**

Transformation of Hamiltonians to Near Action-Angle Form.
DE85011279 **20**-*546,861* PC **A02**/MF **A01**

**PPPL-2210**

Total Scattering Cross Sections and Interatomic Potentials for Neutral Hydrogen and Helium on Some Noble Gases.
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**PPPL-2211**
Viscous Current Drive.
DE85011739 **20**-*546,073* PC **A02**/MF **A01**

**PPPL-2212**
Plasma Transport Near Material Boundaries.
DE85013760 **22**-*551,679* PC **A02**/MF **A01**

**PPPL-2214**
Global Magnetic Fluctuations in S-1 Spheromak Plasmas and Relaxation Toward a Minimum-Energy State.
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Note for the Mirnov Signal Analysis in Tokamaks.
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Basic Principle of Constant Q/sub a/ Current Build-Up in Tokamaks.
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Numerical Techniques for the Study of Long-Time Correlations.
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Periscope-Camera System for Visible and Infrared Imaging Diagnostics on TFTR.
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Angular Distribution of the Bremsstrahlung Emission During Lower-Hybrid Current Drive on PLT.
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Electron Cyclotron Heating at down-Shifted Frequencies in Existing Tokamak Devices.
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Parabolic Approximation Method for Fast Magnetosonic Wave Propagation in Tokamaks.
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Relaxation of Spheromak Plasmas Toward a Minimum-Energy State Through Global Magnetic Fluctuations.
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Experimental Research on Toroidal Devices at PPPL: 1960-1985.
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**PR-1**

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**PR-6**

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**PR-9**

Development of Acceptance Criteria for Batches of Silane Primer for External Tank Thermal Protection System Bonding Applications.
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Design, Development, Testing, Fabrication, Calibration and Integration of a High Resolution Imager (HRI) for the Roentgen Satellite (ROSAT).
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**PR-10**

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**PR-11**

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**PR-147**

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**PR-156**

Conversion of Microwave Signals by Superconducting Films in the Resistive State.
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**PR-163**

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**PREPRINT-78**

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**PREPRINT-360**

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**PREPRINT-364**

Local and Global Integrability of Anomalous Ward Identities.
N84-34217/9 **01**-*502,589* PC **A02**/MF **A01**

**PREPRINT-383**

Search for Excited Quarks.
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**PREPRINT-402**

Testing the Six Quark Scheme.
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**PREPRINT-403**

Remark on the Korteweg-de Vries Equation.
N84-34218/7 **01**-*501,662* PC **A02**/MF **A01**

**PREPRINT-410**

Search for the Radiative Decay of a Cosmic Relic Particle with IUE.
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**PREPRINT-411**

Approximate Inverse Spectral Transform for the Korteweg-de Vries Equation.
N85-29658/0 **21**-*548,221* PC **A02**/MF **A01**

**PREPRINT-413**

Multifractal Nature of Fully Developed Turbulence and Chaotic Systems.
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**PREPRINT-414**

Numerical Investigation of the Overlap Distribution among Pure States in the Spin Glass Phase.
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**PREPRINT-415**

Internal Waves in Marine Straits.
N85-29510/3 **21**-*547,835* PC **A02**/MF **A01**

**PREPRINT-416**

Definition of Topological Susceptibility Via Lattice Anomalous Ward Identities and Its Perturbative Tail.
N85-29744/8 **21**-*549,137* PC **A03**/MF **A01**

**PREPRINT-417**

Determinal Representations of Polynomials Satisfying Linear Ordinary Differential Equations (ODES) or Linear Recurrence Relations.
N85-29660/6 **21**-*548,222* PC **A02**/MF **A01**

**PREPRINT-418**

Some Applications of a Convenient Finite-Dimensional Matrix Representation of the Differential Operator.
N85-29661/4 **21**-*548,223* PC **A02**/MF **A01**

**PREPRINT-419**

Interpolation and Differentiation for Periodic Functions.
N85-29662/2 **21**-*548,224* PC **A02**/MF **A01**

**PREPRINT-420**

Spectral Transform Approach to Backlund Transformations.
N85-29663/0 **21**-*548,225* PC **A02**/MF **A01**

**PREPRINT-421**

Did Bosonic Sneutrino Stars Ever Exist.
N85-29867/7 **21**-*547,245* PC **A02**/MF **A01**

**PREPRINT-422**

Introductory View of Raman-Nath Type Equations.
N85-29664/8 **21**-*548,226* PC **A03**/MF **A01**

**PREPRINT-423**

Hamiltonian Structure of a Complex Version of the Burgers Hierarchy.
N85-29665/5 **21**-*548,227* PC **A02**/MF **A01**

**PREPRINT-424**

Reduction Techniques for Infinite-Dimensional Hamiltonian Systems: Some Ideas and Applications.
N85-29666/3 **21**-*548,228* PC **A04**/MF **A01**

**PREPRINT-426**

Anderson Localization for Large Disorder or Low Energy.
N85-29692/9 **21**-*549,136* PC **A04**/MF **A01**

**PREPRINT-427**

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**PREPRINT-428**

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**PREPRINT-429**

Characterization of Intermittency in Chaotic Systems.
N85-29669/7 **21**-*548,231* PC **A03**/MF **A01**

**PREPRINT-430**

Stochastic Resonance in the Landau-Ginzburg Equation.
N85-29685/3 **21**-*548,235* PC **A02**/MF **A01**

**PREPRINT-431**

Stability and Feasibility of Model Ecosystems.
N85-29408/0 **21**-*547,504* PC **A02**/MF **A01**

**PREPRINT-432**

Excited Leptons Contribution to Muon G-2.
N85-29745/5 **21**-*549,121* PC **A03**/MF **A01**

**PREPRINT-433**

Rapporto Preliminare Sui Risultati Delle Misure Idrologiche Eseguite Nel Tirreno Meridionale, Nello Stretto di Messina E Nello Ionio Occidentale (Preliminary Report on the Results of Hydrological Measurements in the Southern Tyrrhenian Sea, in the Messina Strait and in the Western Ionian Sea).
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**PREPRINT-434**

Transformation of Derivatives of Distributions on Surfaces.
N85-29670/5 **21**-*548,232* PC **A02**/MF **A01**

**PREPRINT-435**

Group-Theoretical Approach to the Energy Spectra Problem of Charge Carriers in Cubic Solids.
N85-29827/1 **21**-*549,172* PC **A02**/MF **A01**

**PREPRINT-436**

Hamiltonian Picture of the Free Electron Laser and Unitary Symmetries.
N85-29281/1 **21**-*549,035* PC **A02**/MF **A01**

**PREPRINT-437**

Effects of Thermal Fluctuations on Systems with Small Surface Tension.
N85-29520/2 **21**-*547,770* PC **A02**/MF **A01**

**PREPRINT-438**

To the Theory of Approximation of Experimental Curves by Smooth Functions.
N85-29671/3 **21**-*548,233* PC **A02**/MF **A01**

**PREPRINT-808**

Weber Explizite Differenzenverfahren fuer Hyperbolisch Systeme Mit Variablen Koeffizienten 2 (On Explicit Difference Schemes for Hyperbolic Systems with Variable Coefficient 2).
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**PREPRINT-809**

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**PREPRINT-828**

Wall Effects on the Slow Steady Motion of a Particle in a Viscous Incompressible Fluid.
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**PREPRINT-833**

Integral Equation Formulation for a Boundary Value Problem of Elasticity in the Domain Exterior to an Arc.
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**PREPRINT-838**

Global Asymptotic Stabilization of Nonlinear Systems.
N85-17604/8 **11**-*524,550* PC **A02**/MF **A01**

**PRG-R-98**

Analysis and Computations of Microwave-Atmospheric Interactions.
AD-A149 666/0 **10**-*521,022* PC **A03**/MF **A01**

**PRG-26**

Consistency of the Calculus of Total Correctness for Communicating Processes.
PB85-234854 **23**-*552,850* PC **E04**/MF **E04**

**PRG-27**

Programming is an Engineering Profession.
PB85-236503 **24**-*555,545* PC **E04**/MF **E04**

**PRG-28**

Graph Reduction with Super-Combinators.
PB85-236537 **24**-*555,548* PC **E04**/MF **E04**

**PRG-29**

Specifications, Programs and Implementations.
PB85-236511 **24**-*555,546* PC **E04**/MF **E04**

**PRG-30**

Case Studies in Specification: Four Games.
PB85-231959 **23**-*553,246* PC **E04**/MF **E04**

**PRG-37**

Specification-Oriented Semantics for Communicating Processes.

PB85-237956 **24**-*555,583* PC **E05**/MF **E05**

**PRG-38**
Making Nets Abstract and Structured and Nets and Their Relation to CSP (Communicating Sequential Processes).
PB85-234847 **24**-*555,875* PC **E04**/MF **E04**

**PRG-39**
mu(FP) - An Algebraic VLSI (Very Large Scale Integration) Design Language.
PB85-237931 **24**-*555,484* PC **E08**/MF **E08**

**PRG-40**
Design and Implementation of Programming Languages.
PB85-236529 **24**-*555,547* PC **E08**/MF **E08**

**PRG-41**
Towards a Formal Semantics for the Z Notation.
PB85-237964 **24**-*555,553* PC **E04**/MF **E04**

**PRG-42**
Range of Operating Systems Written in a Purely Functional Style.
PB85-237659 **24**-*555,552* PC **E04**/MF **E04**

**PRG-43**
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N85-30546/4 **22**-*549,435* PC **A04**/MF **A01**

**QR-2**
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**QR-3**
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**R-84-22**
Convergence of a Nonnegative Square Matrix,
PB85-125417 **04**-*509,531* PC **E03**/MF **E01**

**R-84-23**
Upwind-Difference Methods for Aerodynamic Problems Governed by the Euler Equations,
PB85-125300 **04**-*507,890* PC **E03**/MF **E01**

**R-84-24**
Future Directions in Operations Research,
PB85-125433 **05**-*511,776* PC **E04**/MF **E01**

**R-84-25**
Minimax Problem Along the Imaginary Axis,
PB85-125425 **04**-*509,532* PC **E03**/MF **E01**

**R-84-26**
Doubly Nonlinear Diffusion Equation in Hydrology,
PB85-125359 **04**-*508,965* PC **E04**/MF **E01**

**R-84-27**
Calculation of the Equilibrium Distribution for a Solar Energy Storage Model,
PB85-125441 **05**-*511,643* PC **E02**/MF **E01**

**R-84/42**
Radio Observations of Interstellar Molecules, of Their Behaviour, and of Their Physics,
PB85-110732 **02**-*502,886* PC **E05**/MF **E01**

**R-84/48**
Distribution and Kinematics of CO in the Spiral Galaxy M51,
PB85-117158 **03**-*505,387* PC **E04**/MF **E01**

**R-84-706-105**
High Efficiency Hydronic Heater Draft Configuration Evaluation.
PB85-114395 **03**-*506,619* PC **A04**/MF **A01**

**R84-916161-14**
Imide Modified Epoxy Matrix Resins.
N85-15892/1 **10**-*522,102* PC **A04**/MF **A01**

**R84-956611**
Investigation of Parabolic Computational Techniques for Internal High-Speed Viscous Flows.
N85-23056/3 **15**-*535,143* PC **A03**/MF **A01**

**R84AEB010**
T700 Cutter Life Improvement Program.
AD-A150 450/5 **10**-*522,396* PC **A06**/MF **A01**

**R84AEB592**
High Temperature Electronics Technology. Life Test Report.
AD-A154 681/1 **18**-*540,545* PC **A03**/MF **A01**

**R84EMH003**
Tropospheric and Ionospheric Phase Perturbations and Doppler Frequency Shift Effects,
AD-A148 579/6 **05**-*512,149* PC **A04**/MF **A01**

**R-84-FU-05**
Parallelism between Production and Comprehension in Agrammatism.
PB85-164127 **11**-*523,752* PC **E05**/MF **E01**

**R-84-FU-08**
Knowledge within Perception: Masking Caused by Incompatible Interpretations.
PB85-159531 **11**-*523,640* PC **E04**/MF **E01**

**R-84-FU-10**
Automatische Detectie en Correctie van Spellingfouten (Automatic Error Detection and Correction of Spelling Errors).
PB85-133908 **05**-*511,511* PC **E04**/MF **E01**

**R-84-FU-11**
Time, Rhythms and Tension: In Search of the Determinants of Rhythmicity.
PB85-133791 **05**-*511,001* PC **E03**/MF **E01**

**R-84-FU-12**
Metrical and Non-Metrical Representations of Temporal Patterns.
PB85-132124 **05**-*510,928* PC **E04**/MF **E01**

**R-84-FU-13**
ORBIT - An Object-Oriented Extension of LISP.
PB85-132090 **05**-*511,510* PC **E05**/MF **E01**

**R-84-OW-04**
Aantal Lessen en Individualisering in Relatie tot de Toetsresultaten in een Leergang Metriek (Amount of Lessons and Degree of Individualization Related to Class Level Achievement in Mathematics).
PB85-133783 **05**-*510,911* PC **E04**/MF **E01**

**R-84-SO-02**
Review van Sociaal-Wetenschappelijk Onderzoek naar het Huishoudelijk Energiegebruik (Review of Social Scientific Research into Domestic Energy Use).
PB85-164135 **11**-*524,356* PC **E06**/MF **E01**

**R-84-SO-03**
Loosely-Coupled Settings: A Strategy for Computer-Aided Work Decentralization,
PB85-132082 **05**-*510,773* PC **E04**/MF **E01**

**R-84-SO-04**
Het Begrijpen van de Patient (The Therapist and the Patient).
PB85-135135 **05**-*510,929* PC **E03**/MF **E01**

**R-84-SO-05**
Social Psychology of Jealousy: A Review and Perspective.
PB85-132116 **05**-*510,927* PC **E05**/MF **E01**

**R-84-SRD-050**
Kinetics of Nitric Oxide Formation in Laminar and Turbulent Methane Combustion.
PB85-149698 **07**-*514,716* PC **A05**/MF **A01**

**R-85-1**
Hyperbolicity and Change of Type in the Flow of Viscoelastic Fluids.
AD-A153 462/7 **16**-*535,810* Not available NTIS

**R-85-02**
Evaluation of a Fault Tolerant System for an Integrated Avionics Sensor Configuration with Tsrv Flight Data.
N85-28941/1 **21**-*547,219* PC **A06**/MF **A01**

**R85-900026-F**
Application of a Hairpin Vortex Model of Wall Turbulence to Trailing Edge Noise Prediction.
N85-33109/8 **26**-*559,979* PC **A04**/MF **A01**

**R85-920020-F**
Numerical Solutions of the Potential Distribution within the Vacuum Region of the FEATRON.
AD-A153 683/8 **16**-*536,379* PC **A03**/MF **A01**

**R85AEB014**
Analytical Fuel Property Effects: Small Combustors. Phase 2.
N85-19175/7 **13**-*530,666* PC **A03**/MF **A01**

**R85AEB166**
Study of Advanced Fuel System Concepts for Commercial Aircraft.
N85-19978/4 **14**-*530,772* PC **A12**/MF **A01**

**R85AEB307**
Effects of Surface Chemistry on Hot Corrosion Life.
N85-26711/0 **19**-*543,168* PC **A03**/MF **A01**

**R85-NRL-1**
Adaptive Nulling at HF Using a Compact Array of Active Parasitic Antennas.
AD-A152 582/3 **14**-*531,711* PC **A08**/MF **A01**

**R-88**
Water Quality Modelling, Forecasting and Control,
PB85-139434 **07**-*515,095* PC **E09**/MF **E09**

**R-90**
Review of British Flood Forecasting Practice,
PB85-140515 **07**-*514,754* PC **E07**/MF **E07**

**R-90-6256-20**
Internal Reforming Natural Gas Fueled Carbonate Fuel Cell Stack.
PB85-101442 **01**-*501,478* PC **A07**/MF **A01**

**R-121/83**
Die Ausbildung eines Symmetrischen Wirbelpaares Hinter Einem Angestellten Schlanken Drehkoerper (Formation of a Symmetrical Vortex Pair Behind a Slender Rotational Body),
PB85-117190 **03**-*506,870* PC **E05**/MF **E05**

**R-121/84**
Reaktionen von Nitroaromaten in Pyridin (Reactions of Aromatic Compounds in Pyridin) (Reactions des Composes Aromatiques Nitres dans la Pyridine),
PB85-216265 **20**-*544,942* PC **E03**/MF **E03**

**R-123/82**
Mesures Comparatives a l'Aide du Velocimetre Interferentiel a Laser et de l'Anemometre Laser a Franges de la Vitesse d'Ejection des Gaz a la Bouche d'un Fusil (Comparative Measurements with Laser-Interference Velocimeter and Strip Anemometer on Smoke Discharge of a Rifle),
PB85-117257 **03**-*506,836* PC **E04**/MF **E04**

**R-129/83**
Experimentelle und Theoretische Untersuchung der Partikelbewegung in Einem Kompressiblen Wirbel (Experimental and Theoretical Study of Particle Movement in a Compressible Vortex),
PB85-137404 **06**-*514,084* PC **E04**/MF **E04**

**R-130/83**
Temperaturmessungen an Hohlladungsstrahlen (Temperature Measurements on Hollow-Charge Beams),
PB85-119816 **05**-*511,700* PC **E04**/MF **E04**

**R-143-17**
Industrial Hygiene Review Manual.
PB85-103836 **01**-*500,776* PC **A13**/MF **A01**

**R-144/S619**
Impact of Computerized Automation on Automobile Factories.
PB85-113520 **03**-*506,758* PC **A04**/MF **A01**

**R-151**
Etude d'une Source de Puissance a 94 GHz par Association de Diodes a Avalanche (Study of a Power Source with 94 GHz by Association of Avalanche Diodes).
PB85-145019 **08**-*516,822* PC **E08**/MF **E08**

**R-159**
Produktionsteknik och Arbetsmiljoe - En Studie av Skogsmaskinfoerares Arbetsfoerhallanden, 1969-81 (Production Techniques and Work Environment - A Study on Forest Machine Operator's Work Conditions, 1969-81),
PB85-122323 **04**-*508,007* PC **E08**/MF **E01**

**R-160**
Unga Skogsarbetares Arbetsanpassning och Arbetsfoerhallanden (Young Forest Worker's Working Conditions and Adaptation to Work),
PB85-123123 **04**-*508,009* PC **E06**/MF **E01**

**R-265**
From Natural to Reclaimed Land. Land and Water Management in the Polders of the Netherlands,
PB85-132561 **05**-*511,895* PC **E04**/MF **E01**

**R-266**
From Spontaneous Settlement to Integrated Planning and Development,
PB85-131662 **05**-*511,875* PC **E03**/MF **E01**

**R-268**
Ijsselmeerpolders,
PB85-132553 **05**-*511,894* PC **E04**/MF **E01**

**R-270**
Drainage of Urban Areas in the Flevopolders,
PB85-132520 **05**-*511,892* PC **E03**/MF **E01**

**R-271**
Model to Determine Optimal Sizes for the Drainage System in a Polder,
PB85-132629 **05**-*511,898* PC **E03**/MF **E01**

**R-272**
Comparison between the Runoff from a Rural and an Urban Basin in Flevoland,
PB85-132546 **05**-*511,410* PC **E03**/MF **E01**

**R-273**
Foundation on Soft Marine Deposits in a Recently Reclaimed Polder,
PB85-132637 **05**-*511,449* PC **E03**/MF **E01**

**R-276**
Allocation of Land to Agricultural Uses in the Dutch Ijsselmeerpolders (Farm Settlement Policy),
PB85-132611 **05**-*510,636* PC **E03**/MF **E01**

**R-277**
Criteria for the Determination of the Moment of Suitability for Private Agricultural Landuse of Clay and Loamy Clay Soils in the Dutch Ijsselmeerpolders,
PB85-132603 **05**-*511,448* PC **E03**/MF **E01**

**R-278**
Forestry and Forestry Research,
PB85-132595 **05**-*510,680* PC **E03**/MF **E01**

**R-279**
Urbanization in Dutch Polders: The Evolution of the Randstad Conception,
PB85-132587 **05**-*511,897* PC **E03**/MF **E01**

**R-280**
Recreation in New Areas. The Ijsselmeerpolders as Case Study,
PB85-132579 **05**-*511,896* PC **E03**/MF **E01**

**R-281**
Qualitative Spatial Planning Models for New Urban Fringe Areas,
PB85-132496 **05**-*511,889* PC **E03**/MF **E01**

**R-282**
Employment Planning of New Towns in the Ijsselmeerpolders,
PB85-132504 **05**-*511,890* PC **E03**/MF **E01**

**R-283**
New Structures in Newly Reclaimed Land. The Development of Social Structures in Flevoland (Ijsselmeerpolders) The Netherlands,
PB85-132512 **05**-*511,891* PC **E03**/MF **E01**

**R-284**
Shops and Shopping Centres in the Ijsselmeerpolders,
PB85-132538 **05**-*511,893* PC **E03**/MF **E01**

**R-293**
Gebruik van Waterplanten voor de Zuivering van Afvalwater in Recreatiegebieden (Waste Water and Sewage Treatment Methods for Recreational Areas),
PB85-134401 **05**-*511,905* PC **E03**/MF **E01**

**R-454**
Changes in the Characteristics of Dust Produced during the Transportation and Storage of Wheat.
PB85-152247 **10**-*521,575* PC **E04**/MF **E01**

**R-462**
Local Buckling of Welded I-Sections in Compression.
PB85-120079 **04**-*510,368* PC **E04**/MF **E01**

**R-463**
Simplified Theory for the Behaviour of Buried Flexible Cylinders Under the Influence of Uniform Hoop Compression.
PB85-116531 **03**-*506,789* PC **A03**/MF **A01**

**R-464**
Behaviour of Buried Flexible Cylinders Under the Influence of Nonuniform Hoop Compression.
PB85-116523 **03**-*506,788* PC **A03**/MF **A01**

**R-465**
Sulphide Dust Explosions in Metalliferous Mines.
PB85-152221 **09**-*519,035* PC **E03**/MF **E01**

**R-467**
Consolidation Around a Point Heat Source.
PB85-116549 **03**-*506,051* PC **A02**/MF **A01**

**R-470**
Distortional Buckling of Steel Storage Rack Columns.
PB85-120285 **04**-*509,730* PC **E04**/MF **E01**

**R-471**
Eigenvalue Routines for Structural Buckling and Vibration Analyses on Microcomputers.
PB85-120277 **04**-*510,369* PC **E04**/MF **E01**

**R-474**
Inelastic Lateral Buckling of Beam-Columns.
PB85-135655 **05**-*512,042* PC **E04**/MF **E01**

**R-475**
Dynamic Response of Discretely Damped Structures under Harmonic and Random Excitation.
PB85-135663 **05**-*512,043* PC **E04**/MF **E01**

**R-490**
Application of Flow Net Theory to Marine Salvage Operations.
PB85-204626 **18**-*541,290* PC **E03**/MF **E01**

**R-668-46-31**
Non-Tariff Barriers to High-Technology Trade.
PB85-150126 **08**-*515,937* PC **A06**/MF **A01**

**R-970**
Determining 3-D Motion and Structure of a Rigid Body Using the Spherical Projection,

PB85-132801 **05**-*511,764* PC **A04**/MF **A01**

**R-971**
Determining 3-D Motion and Structure of Rigid Objects Containing Lines Using the Spherical Projection,
PB85-132199 **05**-*511,761* PC **A08**/MF **A01**

**R-1288**
Sliding Bed (Trademark) Aluminum Scrap Preheater.
PB85-118529 **02**-*504,406* PC **A05**/MF **A01**

**R-1347-2**
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PB85-156016 **10**-*521,312* PC **A05**/MF **A01**

**R-1347-3**
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PB85-138519 **06**-*512,981* PC **A05**/MF **A01**

**R-1373**
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**R-1395-5**
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**R-1407**
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**R-1450**
Feedback in Robotics for Assembly and Manufacturing, First Report, April 1, 1980 to March 31, 1981,
PB85-169654 **11**-*524,744* PC **A06**/MF **A01**

**R-1983/1**
Advies Inzake Geneesmiddelen in Samenhang met Deelnemen aan het Verkeer (Recommendations for Drugs in Relation to Participation in Traffic).
PB85-131464 **05**-*512,016* PC **E05**/MF **E01**

**R-1984-10**
Iterative Computational Techniques for Solving Integral Equations,
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**R-1984/12**
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**R-1984/13**
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**R-1984/16**
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**R-1984/18**
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PB85-133890 **05**-*511,057* PC **E07**/MF **E01**

**R-2311**
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AD-A152 266/3 **13**-*528,595* PC **A18**/MF **A01**

**R-2602**
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**R-2639**
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**R-2655**
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**R-2702**
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**R-2924-AID**
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**R-2925-AID**
Birthspacing, Fertility, and Family Planning: Policy and Program Implications from the Malaysian Family Life Survey,
PB85-143774 **07**-*514,558* PC **A03**/MF **A01**

**R-3124-HHS/SP/FF**
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**R-3811-10968A**
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**R-6079-81-030/1844A**
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**R-6679**
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AD-A149 623/1 **09**-*519,137* PC **A10**/MF **A01**

**R-6871-V-1**
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PB85-103604 **01**-*501,856* PC **A21**/MF **A01**

**R-7139-Y-1**
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**R-007181**
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**R-30556**
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PB85-156958 **07**-*515,674* PC **A09**/MF **A01**

**R-30571**
Biological Gasification of Renewable Resources.
PB85-156966 **07**-*515,675* PC **A08**/MF **A01**

**R-58211**
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PB85-113454 **01**-*501,822* PC **A05**/MF **A01**

**R-624122**
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**R-830930**
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**R-840914**
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**RAA/84-80**
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**RAC-MDR-20**
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AD-A152 228/3 **13**-*529,245* PC **E18**

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Field Evaluation of a Utility Dry Scrubbing System.
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Approximate Formulas for the Far Field and Gain of Open-Ended Rectangular Waveguide.
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Simultaneous Nulling in the Sum and Difference Patterns of a Monopulse Antenna.
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**RADC/ETR-84-0012**
A Simple Expression for Estimating Attenuation by Fog at Millimeter Wavelengths.
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Nulling at Symmetric Pattern Location with Phase-Only Weight Control.
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**RADC/ETR-84-0014**
A Proof of the Odd-Symmetry of the Phases for Minimum Weight Perturbation Phase-Only Null Synthesis.
AD-A148 976/4 **07**-*514,862* PC **A02**/MF **A01**

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Additional Properties of the Phase-Only Correlation Filter.
AD-A152 441/2 **14**-*532,598* PC **A02**/MF **A01**

**RADC/ETR-85-0003**
Programmable Time-Delay Devices.
AD-A152 452/9 **14**-*532,599* PC **A02**/MF **A01**

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Electrooptical RF Phase Shifter for Antenna Applications.
AD-A152 447/9 **14**-*531,709* PC **A02**/MF **A01**

**RADC/ETR-85-0005**
Optical Readout of Resonant Quartz Sensors.
AD-A152 451/1 **14**-*532,252* PC **A02**/MF **A01**

**RADC/ETR-85-0006**
Electrostatically Variable SAW (Surface Acoustic Wave) Delay Lines - Theory and Experiment.
AD-A155 782/6 **21**-*547,890* PC **A02**/MF **A01**

**RADC/ETR-85-0007**
AK-Cut Quartz Resonators.
AD-A156 560/5 **21**-*547,893* PC **A02**/MF **A01**

**RADC/ETR-85-0008**
Rapid Synthesis of Indium Phosphide.
AD-A157 266/8 **23**-*552,443* PC **A02**/MF **A01**

**RADC/ETR-85-0009**
Polarized Raman Scattering in Rare-Earth Fluoride Glasses.
AD-A157 265/0 **23**-*552,484* PC **A02**/MF **A01**

**RADC/ETR-85-0010**
Interactions of Interstitial Silicon with (B(S)) and (O(I)) in Electron-Irradiated Silicon.
AD-A158 587/6 **25**-*559,788* PC **A02**/MF **A01**

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Effects of Vacuum Sweeping and Radiation on Defect Distribution in Quartz.
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Statistical Estimates of the n-Bit Gray Codes by Restricted Random Generation of Permutations of 1 to 2(n).
AD-A158 657/7 **25**-*558,235* PC **A02**/MF **A01**

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Infrared Characterization of Aluminum and Hydrogen Defect Centers in Irradiated Quartz.
AD-A158 530/6 **25**-*559,388* PC **A02**/MF **A01**

**RADC-TM-84-6**
Accelerated Stress Facility 1976-1983.
AD-A146 101/1 **01**-*501,941* PC **A04**/MF **A01**

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MC68CRX Cross-Assembler Users Manual.
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**RADC-TM-84-23**
Compression of Spread Spectrum Signals on an Excessively Dispersive Channel.
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**RADC-TR-79-167**
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AD-B043 413/4 **10**-*522,001* PC **A16**/MF **A01**

**RADC-TR-82-286-VOL-1B**
Basic EMC (Electromagnetic Compatibility) Technology Advancement for C3 Systems. Volume 1B. Demodulation Radio Frequency Interference Effects in Operational Amplifier Circuits.
AD-A154 121/8 **17**-*538,783* PC **A11**/MF **A01**

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**RADC-TR-82-286-VOL-3A**
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**RADC-TR-82-286-VOL-3B**
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**RADC-TR-82-286-VOL-4D**
Basic EMC (Electromagnetic Compatibility) Technology Advancement for C3 Systems. Volume 4D. Modeling Crosstalk in Balanced Twisted Pairs.
AD-A153 678/8 **16**-*535,967* PC **A08**/MF **A01**

**RADC-TR-82-286-VOL-4E**
Basic EMC (Electromagnetic Compatibility) Technology Advancement for C3 Systems. Volume 4E. Modeling of Transmission Lines: A Comparison of Lumped-Circuit Iterative Models and the Transmission Line Model.
AD-A150 652/6 **11**-*524,280* PC **A07**/MF **A01**

**RADC-TR-82-286-VOL-4F**
Basic EMC Technology Advancement for C3 Systems. Volume 4F. Prediction of Crosstalk in Flatpack Coaxial Cables.
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**RADC-TR-82-286-VOL-5**
Basic EMC (Electromagnetic Compatibility) Technology Advancement for C3 Systems - Model Revision for IEMCAP (Intrasystem Electromagnetic Compatibility Analysis Program).
AD-A150 795/3 **11**-*524,281* PC **A08**/MF **A01**

**RADC-TR-82-286-VOL-6**
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AD-A157 239/5 **23**-*553,760* PC **A07**/MF **A01**

**RADC-TR-83-257**
Computer Aided Testability Design Analysis.
AD-A149 683/5 **09**-*519,085* PC **A08**/MF **A01**

**RADC-TR-83-286**
Effects of a Low-Altitude Nuclear Burst on Millimeter Wave Propagation,
AD-A156 164/6 **21**-*548,852* PC **A02**/MF **A01**

**RADC-TR-83-297**
Millimeter-Wave Propagation and Remote Sensing of the Atmosphere,
AD-A146 339/7 **01**-*500,174* PC **A04**/MF **A01**

**RADC-TR-84-17**
Preparation and Evaluation of ZnSe and ZnS sub X Se sub 1-X Epitaxial Layers on Ge Substrates for Applications in Surface Passivation and Heterojunction Devices.
AD-A147 432/9 **03**-*507,263* PC **A03**/MF **A01**

**RADC-TR-84-27**
Automating Software Design Metrics.
AD-A145 869/4 **01**-*501,284* PC **A08**/MF **A01**

**RADC-TR-84-29**
Target Discrimination Using Infrared Techniques: Theoretical Considerations.
AD-A154 070/7 **17**-*538,804* PC **A07**/MF **A01**

**RADC-TR-84-32**
Parallel Test Method for LSI (Large Scale Integration) Microprocessors.
AD-A150 237/6 **10**-*521,931* PC **A07**/MF **A01**

**RADC-TR-84-33**
JOVIAL J73 Automated Verification System: Implementation Phase.
AD-A148 732/1 **06**-*513,423* PC **A04**/MF **A01**

**RADC-TR-84-45**
Efficient Computation of Reflector Antenna Aperture Distributions and Far Field Patterns,
AD-A147 367/7 **03**-*506,211* PC **A03**/MF **A01**

**RADC-TR-84-53-VOL-1**
Software Test Handbook.
AD-A146 844/6 **02**-*503,793* PC **A04**/MF **A01**

**RADC-TR-84-53-VOL-2**
Software Test Handbook: Software Test Guidebook. Volume 2.
AD-A147 289/3 **03**-*506,087* PC **A13**/MF **A01**

**RADC-TR-84-54**
Aspects and Applications of SAR (Synthetic Aperture Radar) Imagery for Mensuration,
AD-A146 301/7 **01**-*502,119* PC **A04**/MF **A01**

**RADC-TR-84-55**
Communications Support Processor (CSP).
AD-A150 054/5 **09**-*519,864* PC **A07**/MF **A01**

**RADC-TR-84-60**
Hybrid Techniques Investigation.
AD-A147 922/9 **04**-*509,924* PC **A09**/MF **A01**

**RADC-TR-84-69**
Scattering from Snow Backgrounds at 35, 98, and 140 GHz.
AD-A145 798/5 **01**-*502,646* PC **A04**/MF **A01**

**RADC-TR-84-72**
Algorithms for Reconstruction of Partially Known, Band Limited Fourier Transform Pairs from Noisy Data.
AD-A150 194/9 **10**-*522,182* PC **A10**/MF **A01**

**RADC-TR-84-73-VOL-1**
Topics in Optical Materials and Device Research - III. Volume 1.
AD-A149 726/2 **09**-*520,227* PC **A07**/MF **A01**

**RADC-TR-84-73-VOL-2**
Topics in Optical Materials and Device Research - III. Volume 2.
AD-A149 727/0 **09**-*519,089* MF **A01**

**RADC-TR-84-83**
Ballpark Reliability Estimation Techniques,
AD-A145 971/8 **01**-*502,010* PC **A03**/MF **A01**

**RADC-TR-84-89**
Electrical Characterization of VLSI (Very Large Scale Integration) Memories.
AD-A147 657/1 **04**-*509,077* PC **A07**/MF **A01**

**RADC-TR-84-90**
NSW (National Software Works) Lessons Learned.
AD-A146 737/2 **02**-*503,783* PC **A06**/MF **A01**

**RADC-TR-84-93**
Bistatic Scattering form Conducting Calibration Spheres,
AD-A154 173/9 **17**-*539,507* PC **A12**/MF **A01**

**RADC-TR-84-96**
Look-Up Perimeter Intrusion Sensor: Evaluation of a Continuous Array,
AD-A147 379/2 **03**-*506,916* PC **A03**/MF **A01**

**RADC-TR-84-102**
Portable Real-Time Clock.
AD-A146 218/3 **01**-*501,946* PC **A03**/MF **A01**

**RADC-TR-84-115**
Factors Affecting SOS (Silicon-on-Sapphire) Yield and Reliability.
AD-A150 004/0 **09**-*519,147* PC **A09**/MF **A01**

**RADC-TR-84-116**
Low-Sidelobe Space Feed Lens,
AD-A147 883/3 **04**-*509,172* PC **A03**/MF **A01**

**RADC-TR-84-117**
EMC Enhanced Constant 'Z' Modulator.
AD-A147 715/7 **04**-*509,167* PC **A04**/MF **A01**

**RADC-TR-84-118**
RF Fiber Optic Link.
AD-A148 679/4 **06**-*513,969* PC **A09**/MF **A01**

**RADC-TR-84-123**
New Leaky Wave Antenna for Millimeter Waves Based on the Groove Guide.
AD-A146 428/8 **01**-*501,369* PC **A04**/MF **A01**

**RADC-TR-84-128**
Representation and Refinement of Visual Specifications in PEGASYS.
AD-A148 733/9 **06**-*513,424* PC **A04**/MF **A01**

**RADC-TR-84-140**
Dual Offset Reflector Antenna Systems with Rotationally Symmetric Aperture Distributions.
AD-A147 346/1 **03**-*506,210* PC **A03**/MF **A01**

**RADC-TR-84-144**
Formation of a Limiting Composition in the Preparation of Ternary III-V Semiconductors by the VPE (Vapor Phase Epitaxy) Hydride Technique,
AD-A147 639/9 **04**-*510,168* PC **A02**/MF **A01**

**RADC-TR-84-147**
EMC (Electromagnetic Compatibility) Spec Criteria in Volterra Systems.
AD-A147 659/7 **04**-*509,154* PC **A10**/MF **A01**

**RADC-TR-84-148**
Lumped Circuit Transmission Line Model.
AD-A147 711/6 **04**-*509,047* PC **A03**/MF **A01**

**RADC-TR-84-150**
Electrical Characterization of Analog Microprocessors.
AD-A149 629/8 **09**-*519,084* PC **A07**/MF **A01**

**RADC-TR-84-153**
Electromagnetic Fields from the Generation and Absorption of Discontinuous Linear Current Fronts.
AD-A148 076/3 **04**-*510,184* PC **A03**/MF **A01**

**RADC-TR-84-155**
Analytic Models for Radiation Induced Loss in Optical Fibers II. A Physical Model,
AD-A147 442/8 **03**-*507,343* PC **A02**/MF **A01**

**RADC-TR-84-156**
Cost Estimation Techniques for C3I System Software.
AD-A150 055/2 **09**-*519,841* PC **A06**/MF **A01**

**RADC-TR-84-159**
Use of the Glistening Surface Concept in Rough Surface Scattering.
AD-A154 922/9 **18**-*541,438* PC **A03**/MF **A01**

**RADC-TR-84-160**
Charge Domain Filters for Enhanced Monolithic Signal Processing.
AD-A147 428/7 **03**-*506,215* PC **A06**/MF **A01**

**RADC-TR-84-164**
Effects of Soil Moisture on Bistatic Clutter Power.
AD-A147 636/5 **04**-*509,956* PC **A04**/MF **A01**

**RADC-TR-84-165**
Maintainability Time Standards for Electronic Equipment.
AD-A149 684/3 **09**-*519,844* PC **A11**/MF **A01**

**RADC-TR-84-166**
Externally Compensated Crystal Oscillator (ECXO) Study.
AD-A150 335/8 **10**-*521,911* PC **A04**/MF **A01**

**RADC-TR-84-178**
Digital Channel Efficiency Model.
AD-A150 084/2 **09**-*519,865* PC **A07**/MF **A01**

**RADC-TR-84-179**
Electrical Overstress Protection of Submicron Devices.
AD-A150 334/1 **10**-*521,910* PC **A07**/MF **A01**

**RADC-TR-84-180**
Oscillator Development.
AD-A149 699/1 **09**-*519,058* PC **A03**/MF **A01**

**RADC-TR-84-181**
1.5 to 1.7 Micrometers LEDs (Light-Emitting Diode).
AD-A149 685/0 **09**-*519,057* PC **A03**/MF **A01**

**RADC-TR-84-182**
VLSI (Very Large Scale Integrated Circuits) Device Reliability Models.
AD-A153 268/8 **15**-*533,872* PC **A11**/MF **A01**

**RADC-TR-84-183**
EOS (Electrical Overstress) Protection for VLSI (Very Large Scale Integration) Devices.
AD-A150 333/3 **10**-*521,909* PC **A13**/MF **A01**

**RADC-TR-84-185**
ACOSS Eleven (Active Control of Space Structures).
AD-A150 639/3 **10**-*523,210* PC **A12**/MF **A01**

**RADC-TR-84-186**
ACOSS SEVENTEEN (Active Control of Space Structures).
AD-A150 007/3 **09**-*520,923* PC **A12**/MF **A01**

ACOSS SEVENTEEN (Active Control of Space Structures).
AD-A150 363/0 **10**-*523,209* PC **A12**/MF **A01**

**RADC-TR-84-189**
OCA (Offensive Counter Air) Mission Planning.
AD-A150 572/6 **10**-*522,565* PC **A07**/MF **A01**

**RADC-TR-84-190**
Nebula Instruction Set Architecture (ISA) Evaluation.
AD-A151 041/1 **11**-*524,241* PC **A16**/MF **A01**

**RADC-TR-84-191**
GaAlAsSb APD Optimization.
AD-A149 406/1 **08**-*516,570* PC **A04**/MF **A01**

**RADC-TR-84-195**
Analysis of Physical Optics Models for Rough Surface Scattering.
AD-A154 960/9 **18**-*541,393* PC **A03**/MF **A01**

**RADC-TR-84-197**
Null Synthesis with Phase and Amplitude Controls at the Subarray Outputs.
AD-A155 187/8 **19**-*543,064* PC **A03**/MF **A01**

**RADC-TR-84-203**
Artificial Intelligence Applications to Testability.
AD-A150 694/8 **11**-*524,784* PC **A09**/MF **A01**

**RADC-TR-84-204**
Iteration Method for Complex Scattering Problems.
AD-A150 038/8 **09**-*520,231* PC **A04**/MF **A01**

**RADC-TR-84-208**
Optical Eigenvector.
AD-A149 550/6 **08**-*516,613* PC **A07**/MF **A01**

**RADC-TR-84-215**
Two-Degree-of-Freedom Linear and Planar Mircowave Array Lenses,
AD-A153 701/8 **16**-*536,044* PC **A03**/MF **A01**

**RADC-TR-84-217**
Development of Photodetectors.
AD-A153 773/7 **16**-*535,969* PC **A04**/MF **A01**

**RADC-TR-84-218**
Survivable Propagation.
AD-A150 070/1 **09**-*520,753* PC **A02**/MF **A01**

**RADC-TR-84-225**
Cylindrical Lens-Array Antenna for Wideband Electronic Scanning.
AD-A156 085/3 **21**-*548,007* PC **A08**/MF **A01**

**RADC-TR-84-227**
Interactive Communications Simulator (ICS).
AD-A151 276/3 **12**-*526,891* PC **A05**/MF **A01**

**RADC-TR-84-229**
Optically Bistable Devices Using Semiconductor Materials.
AD-A149 551/4 **08**-*517,794* PC **A03**/MF **A01**

**RADC-TR-84-233**
Lithography Radiation Effects Study.
AD-A149 552/2 **08**-*517,255* PC **A05**/MF **A01**

**RADC-TR-84-242**
Calculation of Ionospheric Profiles by Inverting VLF/LF Reflection Data. II. Anisotropic Propagation.
AD-A150 105/5 **09**-*518,449* PC **A04**/MF **A01**

**RADC-TR-84-244**
Automated FMEA (Failure Modes and Effects Analysis) Techniques.
AD-A154 161/4 **17**-*538,739* PC **A08**/MF **A01**

**RADC-TR-84-254**
Reliability Derating Procedures.
AD-A153 744/8 **16**-*536,419* PC **A14**/MF **A01**

**RADC-TR-84-258**
Touch Panel System; Design and Development,
AD-A153 014/6 **15**-*533,803* PC **A02**/MF **A01**

**RADC-TR-84-259**
Downdraw Extrusion of ULE(TM) Glass.
AD-A153 783/6 **16**-*536,328* PC **A06**/MF **A01**

**RADC-TR-84-264**
Rome Air Development Center Air Force Technical Objective Document C3I FY-86.
AD-A152 476/8 **14**-*530,964* PC **A04**/MF **A01**

**RADC-TR-84-268**
Prediction of Scheduled and Preventative Maintenance Workload.
AD-A153 761/2 **16**-*536,450* PC **A07**/MF **A01**

**RADC-TR-84-279**
Preparation of Heavy Metal Fluoride Glasses in the Bulk Form.
AD-A153 784/4 **16**-*536,116* PC **A03**/MF **A01**

**RADC-TR-85-9**
Study of Computational Techniques for Noncanonical Microstrip Antennas and Arrays.
AD-A152 216/8 **13**-*529,244* PC **A04**/MF **A01**

**RADC-TR-85-14-VOL-1**
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AD-A153 257/1 **15**-*533,870* PC **A13**/MF **A01**

**RADC-TR-85-14-VOL-2**
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**RADC-TR-85-16**
Analysis of Time Dependent Dielectric Failures.
AD-A153 200/1 **15**-*534,750* PC **A05**/MF **A01**

**RADC-TR-85-17**
Silicide Conductors Reliability Research.
AD-A153 768/7 **16**-*536,047* PC **A05**/MF **A01**

**RADC-TR-85-20**
Fast Transient Behavior of Thyristor Switches.
AD-A154 109/3 **17**-*537,876* PC **A07**/MF **A01**

**RADC-TR-85-24**
Scattering Experiments at the Ipswich Electromagnetic Measurements Facility: Backscatter from Metal Cubes.
AD-A157 925/9 **24**-*557,066* PC **A02**/MF **A01**

**RADC-TR-85-29**
Random Access Memory Technologies.
AD-A153 089/8 **15**-*533,806* PC **A03**/MF **A01**

**RADC-TR-85-33**
Development of Growth Techniques for Electromagnetic Crystals.
AD-A154 089/7 **17**-*539,260* PC **A04**/MF **A01**

**RADC-TR-85-37-VOL-1**
Specification of Software Quality Attributes. Volume 1. Final Report.
AD-A153 988/1 **16**-*536,011* PC **A06**/MF **A01**

**RADC-TR-85-37-VOL-2**
Specification of Software Quality Attributes. Volume 2. Software Quality Specification Guidebook.
AD-A153 989/9 **16**-*536,012* PC **A07**/MF **A01**

Specification of Software Quality Attributes. Volume 3. Software Quality Evaluation Guidebook.
AD-A153 990/7 **16**-*536,013* PC **A14**/MF **A01**

**RADC-TR-85-39**
Analytic Models for Radiation Induced Loss in Optical Fibers III. Transient Radiation Effects.
AD-A157 408/6 **23**-*554,226* PC **A02**/MF **A01**

**RADC-TR-85-40**
Sidelobe Sector Nulling with Minimized Weight Perturbations.
AD-A157 057/1 **23**-*552,868* PC **A02**/MF **A01**

**RADC-TR-85-50**
Signal Space Models for Antenna Arrays.
AD-A156 063/0 **21**-*548,813* PC **A02**/MF **A01**

**RADC-TR-85-55**
LAN (Local Area Network) Interoperability Study of Protocols Needed for Distributed Command and Control.
AD-A154 033/5 **17**-*538,782* PC **A14**/MF **A01**

**RADC-TR-85-56**
Sidelobe Sector Nulling with Minimized Phase Perturbations.
AD-A157 058/9 **23**-*552,869* PC **A02**/MF **A01**

**RADC-TR-85-58**
Microenvironmental Moisture Research.
AD-A157 059/7 **23**-*552,870* PC **A06**/MF **A01**

**RADC-TR-85-60**
Scattering from Foliage Covered Terrain.
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**RADC-TR-85-65**
Development of Wide Band Recording Materials.
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**RADC-TR-85-66-REV-A**
Study and Investigation to Update the Nonelectronic Reliability Notebook. Revision A.
AD-A157 242/9 **23**-*553,718* PC **A11**/MF **A01**

**RADC-TR-85-68**
Comprehensive Approach to Melt Growth of III-V Compound Semiconductors with Special Consideration of InP, InSb and GaAs.
AD-A157 881/4 **24**-*556,592* PC **A03**/MF **A01**

**RADC-TR-85-78**
Evaluation of the Digital Access and Cross-Connect System for Use in the Defense Communications System.
AD-A157 570/3 **23**-*553,762* PC **A06**/MF **A01**

**RADC-TR-85-80**
Adaptive Optical Filtering Techniques.
AD-A157 072/0 **23**-*552,871* PC **A03**/MF **A01**

**RADC-TR-85-89**
LOGLISP Programming System.
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**RADC-TR-85-91**
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**RADC-TR-85-133**
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**RADC-TR-85-134**
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**RAE-TM-MAT/STR-1024**
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AD-A156 656/1 **22**-*550,403* PC **A02**/MF **A01**

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**RAE-TR-84031**
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**RAE-TR-84035**
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**RAE-TR-84036**
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**RAE-TR-84047**
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**RAE-TR-84050**
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**RAE-TR-84082**
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**RAE-TR-84084**
Standardised Fatigue loading Sequences for Helicopter Rotors (Helix and Felix) Part 1. Background and Fatigue Evaluation.
AD-A156 621/5 **22**-*549,295* PC **A06**/MF **A01**

**RAE-TR-84085**
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**RAE-TR-84109-PT-1**
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**RAE-TR-85002**
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**RAL-83-117**
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**RAL-83-118**
Lectures on Magnetism and Neutron Scattering.
DE85700048 **09**-*520,745* PC **A03**/MF **A01**

**RAL-84-002**
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**RAL-84-004**
Abundance of Interstellar Chlorine in the Galaxy.
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**RAL-84-005**
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**RAL-84-017**
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**RAL-84-020**
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**RAL-84-023**
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**RAL-84-027**
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**RAL-84-028**
Change of Confinement Scale in Nuclei: Predictions for Structure Functions Confront Electroproduction Data.
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**RAL-84-029**
Dynamical Rescaling and Universality of Hadron Structure Functions.
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**RAL-84-030**
Polarisation Analysis of Neutron Scattering from Crystal Field Levels.
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**RAL-84-032**
Search for a Threshold Enhancement in the gamma p Yields Charmed Baryon + Charmed Meson Cross Section.
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**RAL-84-033**
Multileptons from Heavy Quarks.
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**RAL-84-034**
Charge Sensitive Anode Pre-Amplifier for Use in MWPC Imaging Systems.
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**RAL-84-036**
Apple II -Based Bidimensional Pulse Height Analyser.
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**RAL-84-039**
Investigation of Narrow Meson Resonance Production in Antiproton-Proton and Antiproton-Neutron Interactions at 6.1 and 8.9 GeV/C.
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**RAL-84-040**
Chiral Quarks and Proton Decay.
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**RAL-84-042**
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**RAL-84-044**
Three-Dimensional Track and Vertex Fitting in Chambers with Stereo Wires.
DE85780458 **16**-*536,580* PC **A02**/MF **A01**

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Exotic Atoms of QCD: Glueballs, Hybrids and Baryonia.
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**RAL-84-052**
Micro Vertex Detector Design for Collider Geometries.
DE85780459 **16**-*536,581* PC **A02**/MF **A01**

**RAL-84-055**
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DE85700256 **12**-*528,027* PC **A02**/MF **A01**

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PB85-117331 **03**-*507,614* PC **E03**/MF **E03**

**RAL-84-056**
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PB85-117448 **03**-*507,615* PC **E06**/MF **E06**

**RAL-84-057**
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DE85701760 **25**-*559,704* PC **A02**/MF **A01**

Particle Acceleration in Space and Laboratory Plasmas,
PB85-185924 **16**-*536,872* PC **E03**/MF **E03**

**RAL-84-058**
Implosion Hydrodynamics.
DE85700227 **11**-*524,995* PC **A05**/MF **A01**

**RAL-84-059**
Beat-Wave Laser Accelerators, Further Comment Including Note on the 'Surfatron' Concept.
DE85780609 **15**-*534,834* PC **A02**/MF **A01**

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PB85-117224 **03**-*507,381* PC **E03**/MF **E03**

**RAL-84-061**
Ratio GAMMA(B Yields Dl nu )/GAMMA (B Yields D*L nu ) in the Quark Model.
DE85700324 **15**-*534,872* PC **A02**/MF **A01**

Ratio Gamma (B Yields Dl(nu))/Gamma (B Yields (D star)l(nu)) in the Quark Model,
PB85-117745 **03**-*507,621* PC **E03**/MF **E03**

**RAL-84-062**
Polarisation Modulated Cross-Correlation Spectroscopy on a Pulsed Neutron Source.
DE85780622 **16**-*536,590* PC **A02**/MF **A01**

Polarisation Modulated Crosscorrelation Spectroscopy on a Pulsed Neutron Source,
PB85-117208 **03**-*506,990* PC **E04**/MF **E04**

**RAL-84-063**
Electronic Readout System Used on the Mk II R.A.L. Positron Camera.
DE85781186 **25**-*558,996* PC **A04**/MF **A01**

Electronic Readout System Used on the MK II R.A.L. (Rutherford Appleton Laboratory) Positron Camera,
PB85-138790 **06**-*513,997* PC **E04**/MF **E04**

**RAL-84-064**
Profile Refinement of Powder Diffraction Patterns Using the Voigt Function.
DE85700989 **23**-*553,663* PC **A02**/MF **A01**

Profile Refinement of Powder Diffraction Patterns Using the Voigt Function,
PB85-117760 **03**-*505,904* PC **E03**/MF **E03**

**RAL-84-065**
Full Bore Transverse Field Cylindrical Dipole Magnets,
PB85-117315 **04**-*509,069* PC **E03**/MF **E03**

**RAL-84-066**
Special Finite Element Shape Function for Skin Depth Problems,
PB85-116861 **04**-*509,068* PC **E03**/MF **E03**

**RAL-84-067**
AUTORED - The JADE Automatic Data Reduction System.
DE85700407 **15**-*534,818* PC **A02**/MF **A01**

AUTORED - The JADE Automatic Data Reduction System,
PB85-117737 **03**-*506,183* PC **E03**/MF **E03**

**RAL-84-068**
Formal Specification and Graphics Software,
PB85-117075 **04**-*509,139* PC **E03**/MF **E03**

**RAL-84-069**
Electron Acceleration by Lower Hybrid Wawes on Auroral Field Lines,
PB85-138758 **06**-*512,771* PC **E03**/MF **E03**

**RAL-84-070**
Measurements of the Angular Distribution of Precipitating Electrons in a Breakup Aurora.
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Measurements of the Angular Distribution of Precipitating Electrons in a Breakup Aurora,
PB85-138741 **06**-*512,770* PC **E03**/MF **E03**

**RAL-84-071**
Nucleon Decay in Supersymmetric Models Via Gluino Dressed Graphs.
DE85700325 **15**-*534,873* PC **A02**/MF **A01**

Nucleon Decay in Supersymmetric Models Via Gluino Dressed Graphs,
PB85-117810 **03**-*507,622* PC **E03**/MF **E03**

**RAL-84-072**
Multimode Description of the Nonlinear Evolution of Modulational Instabilities in Plasmas.

DE85700321 **16**-*536,869* PC **A02**/MF **A01**

Multimode Description of the Non-Linear Evolution of Modulational Instabilities in Plasmas,
PB85-117323 **03**-*507,671* PC **E03**/MF **E03**

**RAL-84-073**

Introduction to Deriving the Oceanic Surface Wind Field from Satellite Radar Scatterometer Measurements,
PB85-117125 **03**-*505,427* PC **E04**/MF **E04**

**RAL-84-075**

Concluding Talk. 7th Warsaw Symposium on Elementary Particle Physics Held at Kazimierz on May 20-25, 1984.
DE85700842 **18**-*541,804* PC **A02**/MF **A01**

Concluding Talk (VII Warsaw Symposium on Elementary Particle Physics Kazimierz),
PB85-117083 **03**-*507,613* PC **E03**/MF **E03**

**RAL-84-076**

Azimuthal Distributions and Search for Higher Twist Effects in Fragmentation.
DE85700334 **15**-*534,881* PC **A02**/MF **A01**

Azimuthal Distributions and Search for Higher Twist Effects in Fragmentation,
PB85-116911 **03**-*507,611* PC **E03**/MF **E03**

**RAL-84-077**

Deconvolution of Liquid Structure Data: The Pulsed Neutron Source Case.
DE85700990 **23**-*553,832* PC **A02**/MF **A01**

Deconvolution of Liquid Structure Data - The Pulsed Neutron Source Case,
PB85-117836 **03**-*506,991* PC **E03**/MF **E03**

**RAL-84-078**

Implications of Dynamical Rescaling for J/Psi Production and Hadronic Processes,
PB85-117729 **03**-*507,620* PC **E03**/MF **E03**

**RAL-84-079**

Determinations of the QCD Strong Coupling alpha sub(S) and the Scale lambda sub(QCD).
DE85700327 **15**-*534,875* PC **A05**/MF **A01**

Determinations of the QCD (Quantum Chromodynamics) Strong Coupling alpha sub s and the Scale lambda sub QCD,
PB85-116812 **03**-*507,610* PC **E09**/MF **E09**

**RAL-84-080**

Eddy Current Seminar, 2-4 April 1984,
PB85-116838 **03**-*507,282* PC **E08**/MF **E08**

**RAL-84-081**

Ring Local Area Networks - A Strategy for Choosing the Phase Locked Loop Class for Data Repeaters,
PB85-117752 **03**-*506,896* PC **E04**/MF **E04**

**RAL-84-082**

Measurement and Fitting of Spectrum and Pulse Shapes of a Liquid Methane Moderator at IPNS,
PB85-139525 **06**-*513,261* PC **E04**/MF **E04**

**RAL-84-083**

Charged Particles as Kaluza-Klein Monopoles.
DE85701290 **25**-*559,550* PC **A02**/MF **A01**

Charged Particles as Kaluza-Klein Monopoles,
PB85-117703 **03**-*507,619* PC **E03**/MF **E03**

**RAL-84-084**

Monopoles and Strings in Broken Symmetry.
DE85701291 **25**-*559,551* PC **A02**/MF **A01**

Monopoles and Strings in Broken Symmetry,
PB85-117828 **03**-*507,623* PC **E03**/MF **E03**

**RAL-84-085**

Phenomenology of Supersymmetry with Broken R-Parity.
DE85701701 **25**-*559,562* PC **A02**/MF **A01**

Phenomenology of Supersymmetry with Broken R-Parity,
PB85-138717 **06**-*514,180* PC **E03**/MF **E03**

**RAL-84-086**

Relativistic Saturation of 'Beat Waves'.
DE85700991 **22**-*551,694* PC **A02**/MF **A01**

Relativistic Saturation of 'Beat Waves',
PB85-117851 **03**-*507,672* PC **E03**/MF **E03**

**RAL-84-087**

Do Protons Decay.
DE85781046 **25**-*559,639* PC **A02**/MF **A01**

Do Protons Decay,
PB85-138881 **06**-*514,184* PC **E03**/MF **E03**

**RAL-84-088**

Electroweak Interactions and New Particle Searches.
DE85781047 **25**-*559,640* PC **A02**/MF **A01**

Electroweak Interactions and New Particle Searches,
PB85-138808 **06**-*514,183* PC **E03**/MF **E03**

**RAL-84-089**

Improving the Performance of the MWPC X-Ray Imaging Detector by Means of the Multi-Step Avalanche Technique.
DE85781187 **25**-*558,811* PC **A02**/MF **A01**

Improving the Performance of the MWPC (Multiwire Proportional Counter) X-Ray Imaging Detector by Means of the Multi-Step Avalanche Technique,
PB85-139079 **06**-*513,929* PC **E04**/MF **E04**

**RAL-84-090**

Report on the IOTA Programming System and Other Japanese Advanced Research,
PB85-138766 **06**-*513,448* PC **E04**/MF **E04**

**RAL-84-091**

Composite Stochastic Motions of Single Particles,
PB85-139541 **06**-*514,185* PC **E03**/MF **E03**

**RAL-84-092**

Density Fluctuations in Simple Fluids,
PB85-139731 **06**-*514,035* PC **E03**/MF **E03**

**RAL-84-093**

Measurement of the Complex Refractive Index of Sea Ice and Snow Using a Microwave Untuned Cavity,
PB85-138261 **06**-*513,388* PC **E04**/MF **E04**

**RAL-84-094**

Electroweak Interference in E exp + E exp - Annihilation.
DE85701772 **25**-*559,572* PC **A02**/MF **A01**

Electroweak Interference in e(+ )e(-) Annihilation,
PB85-138782 **06**-*514,182* PC **E04**/MF **E04**

**RAL-84-095**

What Psi Yields (gamma)(gamma) V can Teach Us about Gluons and Quarks,
PB85-147437 **08**-*518,026* PC **E03**/MF **E03**

**RAL-84-096**

Identifying Heavy Flavours with Vertex Detectors via Unusual Decay Topologies,
PB85-138725 **06**-*514,181* PC **E03**/MF **E03**

**RAL-84-097**

Dynamical Studies Using Muons,
PB85-138733 **07**-*515,585* PC **E03**/MF **E03**

**RAL-84-098**

SSF (Synthetic Spectrum Fitting) - A Suite of Programs for Stellar Abundance Analysis,
PB85-228294 **22**-*549,403* PC **E08**/MF **E08**

**RAL-84-100**

Occurence of an Effective Anharmonic Velocity Dependent Potential.
DE85781053 **25**-*559,645* PC **A02**/MF **A01**

Occurence on an Effective Anharmonic Velocity Dependent Potential,
PB85-185460 **16**-*536,906* PC **E03**/MF **E03**

**RAL-84-101**

Rutherford Appleton Laboratory Workshop on Astronomy and Astrophysics: Gas in the Interstellar Medium,
PB85-138931 **06**-*512,748* PC **E09**/MF **E09**

**RAL-84-102**

Supersymmetric Models Without R Parity.
DE85781049 **25**-*559,642* PC **A02**/MF **A01**

Supersymmetric Models without R Parity,
PB85-190809 **16**-*536,854* PC **E03**/MF **E03**

**RAL-84-104**

Quantum Bound States Where the Classical Motion Is Unbounded,
PB85-190791 **16**-*536,908* PC **E03**/MF **E03**

**RAL-84-105**

Examples in the Use of the Finite Element Library: Non-Linear Magnetostatic Solution,
PB85-139558 **06**-*514,070* PC **E04**/MF **E04**

**RAL-84-106**

Numerical Solution of Field Theories Using Random Walks,
PB85-186096 **16**-*536,907* PC **E04**/MF **E04**

**RAL-84-107**

NAG/SERC Finite Element Library: An Applications Software Library for Finite Element Analysis,
PB85-147429 **08**-*516,996* PC **E03**/MF **E03**

**RAL-84-108**

Pin Detector - a Simple, Robust, Cheap and Effective Nuclear Radiation Detector.
DE85701373 **25**-*558,975* PC **A02**/MF **A01**

PIN Detector - A Simple, Robust, Cheap and Effective Nuclear Radiation Detector,
PB85-163749 **11**-*525,038* PC **E03**/MF **E03**

**RAL-84-109**

CCOPY: A File Supply and Text Plant Utility on the R.A.L. (Rutherford Appleton Laboratory) HEP VAX Computers,
PB85-139509 **06**-*513,451* PC **E04**/MF **E04**

**RAL-84-110**

Observations of a Very Long-Lived (D bar, sup 0) Decay to Kappa(+ ) pi(+ ) pi(-) pi(-) with a Proper Flight Time of 55 x 10 to the -13 power Seconds,
PB85-186088 **16**-*536,847* PC **E03**/MF **E03**

**RAL-84-112**

Magnetically Pulsed Crystal Monochromators on a Pulsed Neutron Source.
DE85701371 **25**-*559,484* PC **A03**/MF **A01**

Magnetically Pulsed Crystal Monochromators on a Pulsed Neutron Source,
PB85-163962 **11**-*525,427* PC **E04**/MF **E04**

**RAL-84-113**

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DE85781183 **24**-*556,311* PC **A05**/MF **A01**

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DE85781184 **24**-*556,312* PC **A02**/MF **A01**

**RAL-84-116**

More Seminars on Muonium Spectroscopy,
PB85-187508 **16**-*536,944* PC **E05**/MF **E05**

**RAL-84-117**

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PB85-189769 **16**-*536,852* PC **E03**/MF **E03**

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DE85781054 **25**-*559,646* PC **A03**/MF **A01**

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PB85-185478 **16**-*536,846* PC **E04**/MF **E04**

**RAL-84-120**

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PB85-228286 **22**-*551,506* PC **E03**/MF **E03**

**RAL-84-121**

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PB85-186062 **15**-*533,617* PC **E03**/MF **E03**

**RAL-84-122**

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DE85701892 **25**-*559,705* PC **A02**/MF **A01**

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PB85-190924 **16**-*536,873* PC **E03**/MF **E03**

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PB85-185114 **16**-*536,599* PC **E04**/MF **E04**

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DE85701761 **25**-*559,424* PC **A02**/MF **A01**

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PB85-189744 **16**-*536,763* PC **E03**/MF **E03**

**RAL-84-125**

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PB85-189751 **16**-*536,851* PC **E04**/MF **E04**

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**RAL-84-127**

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PB85-232742 **23**-*552,568* PC **E04**/MF **E04**

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PB85-231785 **23**-*552,002* PC **E05**/MF **E05**

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PB85-190940 **17**-*537,777* PC **E04**/MF **E04**

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PB85-228575 **22**-*551,744* PC **E03**/MF **E03**

**RAL-85-005**

Exotica for Elsa: Baryonia, Dibaryons, Glueballs and Hybrids,
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PB85-231819 **23**-*554,250* PC **E03**/MF **E03**

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PB85-232189 **23**-*554,270* PC **E03**/MF **E03**

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**RAL-85-024**
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**RAL-85-025**
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PB85-232197 **23**-*554,271* PC **E04**/MF **E04**

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PB85-233963 **23**-*554,274* PC **E03**/MF **E03**

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AD-A153 108/6 **15**-*533,074* PC **A03**/MF **A01**

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AD-A153 160/7 **15**-*533,879* PC **A02**/MF **A01**

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AD-A152 579/9 **14**-*531,129* PC **A03**/MF **A01**

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AD-A147 272/9 **03**-*506,868* PC **A03**/MF **A01**

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AD-A155 305/6 **19**-*543,751* PC **A02**/MF **A01**

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AD-A147 223/2 **03**-*505,534* PC **A02**/MF **A01**

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AD-A152 536/9 **14**-*532,364* PC **A02**/MF **A01**

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AD-A152 754/8 **15**-*534,274* PC **A13**/MF **A01**

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AD-A154 358/6 **17**-*537,218* PC **A02**/MF **A01**

**RAND/P-6999**
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**RAND/P-7000**
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AD-A152 948/6 **15**-*533,070* PC **A02**/MF **A01**

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AD-A154 861/9 **18**-*541,381* PC **A03**/MF **A01**

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Annual Forum for U.S.-Soviet Dialogue (13th) Held at Moscow, Kishinev, Minsk, and Leningrad on 16-31 July 1984,
AD-A152 824/9 **15**-*533,068* PC **A02**/MF **A01**

**RAND/P-7012**
Exploiting 'Fault Lines' in the Soviet Empire: An Overview,
AD-A152 586/4 **14**-*531,077* PC **A02**/MF **A01**

**RAND/P-7013**
Estimating the Shadow Economy,
AD-A154 860/1 **18**-*539,870* PC **A02**/MF **A01**

**RAND/P-7015**
U.S.-China Relations since the Onset of Normalization: A Relationship in Search of a Rationale,
AD-A152 753/0 **15**-*533,067* PC **A02**/MF **A01**

**RAND/P-7016**
Public Opinion and Security Policy in the Federal Republic of Germany: Elite and Mass Opinion in a Comparative Perspective,
AD-A152 577/3 **14**-*531,076* PC **A04**/MF **A01**

**RAND/P-7019**
Judgment Models for Systems Modeling and Analysis: The Subjective-Transfer Function (STF) Method,
AD-A152 553/4 **14**-*531,924* PC **A02**/MF **A01**

**RAND/P-7020**
New Marxist-Leninist States in the Third World,
AD-A152 546/8 **14**-*531,074* PC **A03**/MF **A01**

**RAND/P-7021**
Escalation in the Middle East and Persian Gulf,
AD-A152 587/2 **14**-*531,078* PC **A03**/MF **A01**

**RAND/P-7022**
Enlistment Supply, Recruiter Objectives, and the All-Volunteer Army,
AD-A152 552/6 **14**-*531,127* PC **A03**/MF **A01**

**RAND/P-7024**
To Pay or Not to Pay: A Model of International Defaults,
AD-A152 567/4 **14**-*531,036* PC **A02**/MF **A01**

**RAND/P-7025**
U.S. Economic Leverage and the Soviet Union,
AD-A152 543/5 **14**-*531,072* PC **A03**/MF **A01**

**RAND/P-7026**
Passing Fancies: Plus CA Change,
AD-A152 560/9 **14**-*530,965* PC **A03**/MF **A01**

**RAND/P-7027-ICJ**
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AD-A152 545/0 **14**-*531,073* Not available NTIS

**RAND/P-7028**
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**RAND/P-7029**
Right-Wing Terrorism in Europe Since 1980,
AD-A152 566/6 **14**-*531,075* PC **A02**/MF **A01**

**RAND/P-7030**
Mutual Recognition of Human Fallibility: A Resolution of Prisoners' Dilemma,
AD-A152 588/0 **14**-*531,161* PC **A02**/MF **A01**

**RAND/P-7031**
Formal Analysis of the Evolution of Cooperation,
AD-A152 539/3 **14**-*531,923* PC **A02**/MF **A01**

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Analyzing Alternative Concepts for the Defense of NATO (North Atlantic Treaty Organization),
AD-A154 239/8 **17**-*538,719* PC **A02**/MF **A01**

**RAND/P-7033**
Information and Communications Protection,
AD-A152 559/1 **14**-*532,382* PC **A02**/MF **A01**

**RAND/P-7034**
Linking R&D to Problems Experienced in Solids Processing,
AD-A154 238/0 **17**-*539,530* PC **A02**/MF **A01**

**RAND/P-7035**
CODA: A Concept Organization and Development Aid for the Research Environment,
AD-A154 240/6 **17**-*537,925* PC **A02**/MF **A01**

**RAND/P-7036**
Industry Information Practices and the Failure to Remember,
AD-A154 241/4 **17**-*537,381* PC **A02**/MF **A01**

**RAND/P-7038**
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AD-A154 242/2 **17**-*538,773* PC **A02**/MF **A01**

**RAND/P-7040**
Future Directions for Analysis of the Soviet Economy,
AD-A154 357/8 **17**-*537,217* PC **A02**/MF **A01**

**RAND/P-7041**
Emerging Security Considerations for NATO's (North Atlantic Treaty Organization) Northern Flank,
AD-A154 355/2 **17**-*538,751* PC **A02**/MF **A01**

**RAND/P-7042**
Europeanization of Defense: Prospects of Consensus,
AD-A154 869/2 **18**-*541,365* PC **A03**/MF **A01**

**RAND/P-7044**
Nonnuclear Strategic Weapons: Implications for Arms Control Policy,
AD-A154 863/5 **18**-*539,890* PC **A02**/MF **A01**

**RAND/P-7045**
Some Policy Implications of Nuclear Winter,
AD-A154 945/0 **18**-*539,894* PC **A02**/MF **A01**

**RAND/P-7046**
Poland's Mountain of Debt: Will it Dwindle,
AD-A157 521/6 **23**-*552,129* PC **A03**/MF **A01**

**RAND/P-7047**
Military Heritage of America: A Review of the 1984 Revised Edition,
AD-A154 356/0 **17**-*538,774* PC **A02**/MF **A01**

**RAND/P-7049**
Of Arms Control, Summit Meetings, and the Politics of Make-Believe,
AD-A156 729/6 **22**-*549,571* PC **A02**/MF **A01**

**RAND/P-7051**
Game-Structured Analysis as a Framework for Defense Planning,
AD-A156 731/2 **22**-*550,902* PC **A04**/MF **A01**

**RAND/P-7053**
Role of Automated War Gaming in Strategic Analysis,
AD-A156 730/4 **22**-*550,901* PC **A02**/MF **A01**

**RAND/P-7054**

Communist Ethiopia - Is It Succeeding,
AD-A155 008/6 **18**-*539,896* PC **A04**/MF **A01**

**RAND/P-7055**

Colombia's Bold Gamble for Peace,
AD-A154 940/1 **18**-*539,892* PC **A02**/MF **A01**

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AD-A156 811/2 **22**-*549,572* PC **A05**/MF **A01**

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AD-A154 972/4 **18**-*539,983* PC **A02**/MF **A01**

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AD-A158 345/9 **25**-*558,753* PC **A03**/MF **A01**

**RAND/P-7070**

Accounting for Nonmarket Activities in the Distribution of Income: An Empirical Investigation,
AD-A156 810/4 **22**-*549,525* PC **A03**/MF **A01**

**RAND/P-7083**

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**RAND/P-7085**

Automated War Gaming: An Overview of the Rand Strategy Assessment Center,
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AD-A158 356/6 **25**-*558,858* PC **A02**/MF **A01**

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Dynamic Retention Model for Air Force Officers: Theory and Estimates
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Oil Shale in the Piceance Basin: An Analysis of Land Use Issues.
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AD-A153 277/9 **15**-*533,152* PC **A04**/MF **A01**

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**RAND/R-3159-AF**

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**RAND/R-3190-AF**

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AD-A154 261/2 **17**-*537,308* PC **A04**/MF **A01**

**RAND/R-3211-MIL**

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**RC-261**
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Performance of Plastic Canal Linings,
PB85-109049 **02**-*504,091* PC **A06**/MF **A01**

**REC-ERC-84-2**
Limnological Applications of Multispectral Remote Sensing,
PB85-195667 **17**-*537,808* PC **A04**/MF **A01**

**REC-ERC-84-3**
Erosion Studies of Pipe Lining Materials - Fifth Progress Report,
PB85-174282 **14**-*532,219* PC **A04**/MF **A01**

**REC-ERC-84-5**
Stewart Mountain Dam Concrete Core Analysis, 1983,
PB85-101061 **01**-*501,764* PC **A03**/MF **A01**

**REC-ERC-84-6**
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PB85-123800 **05**-*511,631* PC **A15**/MF **A01**

**REC-ERC-84-7**
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PB85-227833 **22**-*549,770* PC **A07**/MF **A01**

**REC-ERC-84-8**
Oxidation of Formaldehyde Solutions Used for the Preservation of Reverse Osmosis Membranes,
PB85-185585 **15**-*533,466* PC **A04**/MF **A01**

**REC-ERC-84-9**
Water Quality of the Colorado River System: Historical Trends in Concentration, Load, and Mass Fraction of Inorganic Solutes,
PB85-101251 **01**-*501,182* PC **E04**/MF**$5.25**

**REC-ERC-84-11**
Implementation of Polymer Impregnation as a Bridge Deck Sealant.
PB85-185718 **15**-*534,318* PC **A05**/MF **A01**

**REC-ERC-84-12**
Cation-Exchange Pretreatment Studies for La Verkin Springs,
PB85-173508 **13**-*528,926* PC **A13**/MF **A01**

**REC-ERC-84-13**
Application of Streamflow Transport Models to the Yakima River, Washington,
PB85-172625 **13**-*529,070* PC **A03**/MF **A01**

**REC-ERC-84-14**
Summary Report on PVC (Polyvinyl Chloride) Contraction Joint-Forming Waterstops,
PB85-153419 **09**-*519,713* PC **A02**/MF **A01**

**REC-ERC-84-16**
Centrifugal Model Tests for Ultimate Bearing Capacity of Footings on Steep Slopes in Cohesionless Soil,
PB85-213437 **20**-*545,941* PC **A06**/MF **A01**

**REC-ERC-84-20**
Constant Rate of Loading Consolidation Test,
PB85-124782 **04**-*509,041* PC **A03**/MF **A01**

**REC-ERC-84-22**
Evaluation and Analysis of Motor Starting Problems at Fountain Valley Pumping Plant,
PB85-244085 **26**-*560,725* PC **A06**/MF **A01**

**REC-ERC-84-24**
High Recovery Desalting of Brackish Water by Electrodialysis: Field Tests at Yuma Desalting Test Facility and at La Verkin Springs,
PB85-187979 **15**-*533,468* PC **A04**/MF **A01**

**REC-ERC-85-2**
Rehabilitation of a Calcium Carbonate Clogged Drainage System Using Sulfamic Acid,
PB85-241511 **26**-*560,021* PC **A02**/MF **A01**

**REC-ERC-85-6**
Chlorophyll a Concentration and Distribution in Twin Lakes, Colorado Prior to Operation of Mt. Elbert Pumped-Storage Powerplant, 1977-81,
PB85-237139 **24**-*555,403* PC **A03**/MF **A01**

**REF-4/85**
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PB85-186484 **16**-*536,849* PC **E03**/MF **E03**

**REF-10/85**
Gradient Expansion of the One-Loop Effective Lagrangian for Chiral Fermions,
PB85-228757 **22**-*551,657* PC **E03**/MF **E03**

**REF-14/85**
Evolution Equations for Quasi-Partonic Operators,
PB85-228765 **22**-*551,658* PC **E04**/MF **E04**

**REF-16/85**
Unavoidable Errors in the Determination of the Kinematic Variables x,Q(2sup2) for Charged Current Events at HERA,
PB85-186476 **16**-*536,848* PC **E03**/MF **E03**

**REF-22/85**
Generation of High Fields for Particle Acceleration to Very High Energies,
PB85-230316 **23**-*554,248* PC **E03**/MF **E03**

**REF-23/85**
Neutron Scattering and Reactions on 59Co from 1 to 20 MeV,
PB85-231827 **23**-*554,268* PC **E04**/MF **E04**

**REF-24/85**
Look to the Future, the Physics of High Energy e( + )e(-) and ep Collisions,
PB85-231835 **23**-*554,269* PC **E04**/MF **E04**

**REF-25/85**
Internal Picket Fence Detector (An Extension to the BEBC-EMI),
PB85-231843 **23**-*553,844* PC **E05**/MF **E05**

**REF-27/85**
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PB85-231850 **23**-*552,003* PC **E03**/MF **E03**

**REF-45/84**
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PB85-159572 **10**-*523,040* PC **E03**/MF **E03**

**REF-47/84**
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PB85-116937 **03**-*507,612* PC **E03**/MF **E03**

**REF-53/84**
Deconfinement,
PB85-116929 **03**-*507,732* PC **E03**/MF **E03**

**REF-55/84**
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PB85-157279 **10**-*523,034* PC **E03**/MF **E03**

**REF-57/84**
Renormalization of the Supersymmetry Current and the Superconformal Anomaly Operators,
PB85-117646 **03**-*507,616* PC **E04**/MF **E04**

**REF-58/84**
EMC (European Muon Collaboration) Effects and Quark Degrees of Freedom in Nuclei: Facts and Fancy,
PB85-117679 **03**-*507,618* PC **E04**/MF **E04**

**REF-59/84**
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PB85-117661 **03**-*507,617* PC **E05**/MF **E05**

**REF-65/84**
Production and Decay of Tau Leptons in e( + )e(-) Annihilation at Petra Energies.
PB85-157287 **10**-*523,035* PC **E03**/MF **E03**

**REF-70/84**
Scales of Deconfinement,
PB85-139772 **07**-*515,567* PC **E03**/MF **E03**

**REF-72/84**
Deconfining Transitions in 2+ 1 Dimensional SU(3) and SU(4) Gauge Theories,
PB85-139764 **07**-*515,575* PC **E03**/MF **E03**

**REF-76/84**
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PB85-159580 **10**-*523,041* PC **E03**/MF **E03**

**REF-77/84**
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PB85-139749 **07**-*515,565* PC **E03**/MF **E03**

**REF-79/84**

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PB85-159598 **10**-*523,042* PC **E03**/MF **E03**

**REF-80/84**

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PB85-139756 **07**-*515,566* PC **E03**/MF **E03**

**REF-85-12**

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AD-A158 304/6 **25**-*558,104* PC **A07**/MF **A01**

**REF-85/84**

Atmospheric Neutrino Fluxes,

PB85-160307 **10**-*523,044* PC **E03**/MF **E03**

**REF-87/84**

Supersymmetry without Superfields,

PB85-183143 **15**-*535,075* PC **E03**/MF **E03**

**REF-89/84**

Corrections to the Adiabatic Limit in the Flux Tube Model,

PB85-190635 **16**-*536,853* PC **E03**/MF **E03**

**REF-91/84**

Initial Conditions for Inflation,

PB85-189983 **16**-*535,374* PC **E03**/MF **E03**

**REF-98/84**

Proper-Time Expansion of the One-Loop Effective Lagrangian in Powers of Derivatives,

PB85-182509 **15**-*535,074* PC **E03**/MF **E03**

**REPT-A-5/84-PT-1**

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N84-33393/9 **01**-*500,015* PC **A05**/MF **A01**

**REPT-ARW-03-THE-BDK/ORS/83/10**

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N85-31866/5 **23**-*552,824* PC **A02**/MF **A01**

**REPT-CEV/IS/SE/AV/84**

Planeur Nimbus 3-24.5. Resultats d'Ereuves Restreintes de Certification pour Import en Categorie U (Glider Nimbus 3-24.5. Partial Certification Test Results for Importation in the U Category).

N85-23763/4 **17**-*537,027* PC **A03**/MF **A01**

**REPT-D/197**

Ultraviolet Spectrometer and Polarimeter (UVSP) Software Development and Hardware Tests for the Solar Maximum Mission.

N85-24271/7 **17**-*538,715* PC **A02**/MF **A01**

**REPT-G9-REV-4**

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PB85-212801 **20**-*545,157* PC **E04**/MF **E01**

**REPT-S-149**

Mapping of the Sun at 8 mm Wavelength and Tracking of the Active Regions in the Period 23 May - 5 June 1983.

N85-11924/6 **04**-*508,025* PC **A04**/MF **A01**

**REPT-S-150**

Image Theory for a Vertical Electric Dipole Above a Wire Grid with Square Cells.

N85-11286/0 **04**-*509,183* PC **A02**/MF **A01**

**REPT-S-152**

Impedance of Vertical Dipoles Above a Dissipative Ground.

N85-11287/8 **04**-*509,184* PC **A02**/MF **A01**

**REPT-S-153**

Activities Report of the Radio Laboratory.

N85-11288/6 **04**-*509,861* PC **A03**/MF **A01**

**REPT-S-154**

General Image Theory for the Sommerfeld Problem.

N85-11289/4 **04**-*510,412* PC **A02**/MF **A01**

**REPT-TR/84-048**

Design, Manufacture and Testing of a Medium Accuracy Star Tracker.

N85-31488/8 **23**-*551,984* PC **A06**/MF **A01**

**REPT-2**

Lox/LH2 Propulsion System for Launch Vehicle Upper Stage, Test Results.

N85-12089/7 **06**-*514,296* PC **A02**/MF **A01**

**REPT-2-1985**

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PB85-243756 **26**-*560,573* PC **E04**/MF **E01**

**REPT-4-9-T-10-F**

30 Ghz Solid State Amplifier for Low Cost Low Data Rate Ground Terminals.

N85-12300/8 **06**-*513,472* PC **A09**/MF **A01**

**REPT-4-1984**

Determination of the Average Neutron Activation Cross Section with an Annular-Shaped 241Am/Be Neutron Source and a NaI(T1) Detector for the 27Al(n,p)27Mg reaction.

N85-31975/4 **23**-*554,261* PC **A02**/MF **A01**

**REPT-5-1984**

Intercomparison of the Calculated Absolute Efficiency Values Between True Coaxial and True Closed-End Coaxial Ge(Li) and NaI Detectors.

N85-31976/2 **23**-*553,838* PC **A02**/MF **A01**

**REPT-9/81**

Stuttgart Interconnection Network Project from PIX to NICS.

N85-15528/1 **09**-*519,123* PC **A02**/MF **A01**

**REPT-11/1983**

Energieuebertraege bei Atom-Molekuel-Streuexperimenten AM Beispiel der Systeme SF6-AR, CF4-Ne und Xe-CO2 im I 1 Ev-Bereich (Energy Transfer in Atom-Molecule Scattering Experiments in the 1EV Region with SF6-AR, CF4-Ne and Xe-CO2 Systems as Examples).

N85-13588/7 **07**-*514,708* PC **A06**/MF **A01**

**REPT-12**

Micro-Computer Based Program to Code and Analyze the Manual Assembly of Small Parts,

PB85-237097 **24**-*556,062* PC **A04**/MF **A01**

**REPT-14**

Windhinder: Een Literatuurstudie (Wind Effects: A Literature Study).

PB85-241172 **25**-*558,774* PC **E04**/MF **E01**

**REPT-14-84**

Liquid Flow Measurement in Open Channels - Flat-V Weirs (Revision International Standard 4377),

PB85-203289 **18**-*541,168* PC **E04**/MF **E01**

**REPT-15-84**

Measurements of the Rate of Adjustment of the Secondary Flow in a Curved Open Channel with Varying Discharge,

PB85-236578 **24**-*555,402* PC **E04**/MF **E01**

**REPT-15-4572**

Personal Mobile Communications by Satellite.

N85-29135/9 **21**-*548,788* PC **A06**/MF **A01**

**REPT-17.202**

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N85-13049/0 **07**-*514,979* PC **A03**/MF **A01**

**REPT-19**

Troposphere-Stratosphere (Surface-55 Km) Monthly General Circulation Statistics for the Northern Hemisphere-Four Year Averages.

N85-31730/3 **23**-*552,040* PC **A07**/MF **A01**

**REPT-23/83**

Sixe-Programme Zur Loesung von Nichtlinearen Systemen von Elliptischen Differentialgleichungen (The Sixe Program for the Solution of Nonlinear Systems of Elliptic Differential Equations).

N84-35033/9 **02**-*504,132* PC **A15**/MF **A01**

**REPT-24**

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N85-25975/2 **18**-*539,772* PC **A03**/MF **A01**

Vital Rates in India, 1961-1981,

PB85-211282 **19**-*542,604* PC **A09**/MF **A01**

**REPT-25/84**

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N85-20287/7 **14**-*532,576* PC **A06**/MF **A01**

**REPT-26/4924/HF**

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N85-31484/7 **23**-*554,146* PC **A04**/MF **A01**

**REPT-28**

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PB85-199560 **18**-*539,991* PC **A08**/MF **A01**

**REPT-30S-84**

Seismic Response of Composite Masonry in New and Existing Structures.

PB85-166643 **12**-*527,460* PC **A03**/MF **A01**

**REPT-36**

Materiaux pour la Faunistique des Orthopteres de France. Les Acridiens des Musees de Paris et d'Amsterdam (Catalogue of French Localities of the Material of the Families Pamphagidae, Pyrgomorphidae, Catantopidae and Acrididae Preserved in Museums in Paris and Amsterdam),

PB85-161750 **11**-*523,693* PC **E04**/MF **E01**

**REPT-37**

Wind Error of the Finnish Raingauge.

N85-21883/2 **14**-*530,944* PC **A04**/MF **A01**

**REPT-37-80**

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PB85-218121 **20**-*545,808* PC **A04**/MF **A01**

**REPT-39**

Report on Fulmarus Glacialis Expedition 2 Jan Mayen, June-August 1983,

PB85-236560 **24**-*554,964* PC **E04**/MF **E01**

**REPT-42**

Oscillating Airfoils and Their Wake.

N85-23701/4 **17**-*537,000* PC **A02**/MF **A01**

**REPT-42-727/F**

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N85-12102/8 **06**-*513,548* PC **A05**/MF **A01**

**REPT-44-606/F**

Caracterisation de l'Alliage d'Aluminium 7010 en Tole Semi-Epaisse, aux Etats Metallurgiques T 651 et T 7651, Proces Verbal No. 44-606/F (Characterization of Aluminum Alloy 7010 in Moderate Width Plate and T651 and T7651 Metallurgical States).

N85-13961/6 **08**-*516,906* PC **A04**/MF **A01**

**REPT-44-3558**

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N85-29134/2 **21**-*549,261* PC **A05**/MF **A01**

**REPT-45**

Abgeschlossene Hoehentiefs und Ihre Wetterauswirkungen in der Schweiz (Cut-off Lows and Their Influence on the Weather in Switzerland).

N85-19574/1 **13**-*528,455* PC **A03**/MF **A01**

**REPT-45.387/1**

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N85-12100/2 **06**-*513,546* PC **A02**/MF **A01**

**REPT-46**

Analytical Framework for Feed Resources Research on Mixed Farms in Western Kenya,

PB85-176014 **14**-*530,840* PC **A03**/MF **A01**

**REPT-51**

Bern Solar Data for January-December 1984.

N85-26581/7 **18**-*539,755* PC **A03**/MF **A01**

**REPT-52**

Model voor de Simulatie van het Fysische Rijpingsproces van Gronden in de Ijsselmeerpolders (Simulation Model for Physical Soil Ripening in the Ijsselmeerpolders),

PB85-235042 **24**-*555,956* PC **E08**/MF **E01**

**REPT-53**

Effect of the Ground-Water Regime and Nitrogen Fertilizer on the Yield and Quality of Apples,

PB85-203164 **18**-*539,712* PC **E11**/MF **E01**

Design and Management of Irrigation Projects for the Sustained Benefit of Wildlife: A Bioeconomic Analysis of the East High Area of the Columbia Basin Project,

PB85-211696 **19**-*542,142* PC **A13**/MF **A01**

**REPT-58**

Effect of Reservoir Induced Circulation on the Water Quality of Recreational Freshwater Embayments.

PB85-157733 **12**-*526,294* PC **A07**/MF **A01**

**REPT-59**

Stress Monitoring during Wongawilli Extraction in 3 North Panel, Laleham No. 1 Colliery, South Blackwater, Queensland,

PB85-232429 **23**-*552,714* PC **E04**/MF **E04**

**REPT-60**

Attenuation of Leachate Generated from Co-Disposal of Volcanic Ash and Solid Waste.

PB85-203990 **19**-*542,937* PC **A11**/MF **A01**

**REPT-64**

Scattering Theory by Enss' Method for Operator Valued Matrices: Dirac Operator in an Electric Field.

N85-10290/3 **03**-*507,729* PC **A03**/MF **A01**

**REPT-67**

Sancor Estuaries Programme, 1982-1986.

N85-10454/5 **03**-*505,510* PC **A03**/MF **A01**

Semiclassical Theory of Resonances.

N85-10777/9 **03**-*507,731* PC **A02**/MF **A01**

**REPT-68**

SANCOR Programme on Coastal Processes, April 1982 - March 1988.

N85-10455/2 **03**-*506,660* PC **A03**/MF **A01**

**REPT-69**

Deformations of Two-Dimensional Dissipative Maps.

N85-10891/8 **03**-*505,388* PC **A03**/MF **A01**

**REPT-71**

Mineral Nutrients in Mediterranean Ecosystems.

N85-10456/0 **03**-*505,927* PC **A08**/MF **A01**

**REPT-72**

Reduction of Nonlinear Problems to Schroedinger or Heat Equations: Formation of Kepler Orbits, Singular Solutions for Hydrodynamical Equations.

N85-10892/6 **03**-*505,380* PC **A02**/MF **A01**

**REPT-73**

Trapping for Newtonian Diffusion Processes.

N85-10893/4 **03**-*505,381* PC **A03**/MF **A01**

**REPT-76-H-076(007-1)**

Development of Coal Gas Production Simulators and Mathematical Models for Well Test Strategies (Computer Model for an Array of Vertical Wells and Overview of Contract Results).

PB85-180214 **11**-*524,165* PC **A99**/MF **A01**

**REPT-82/10**

Regional Gravity Anomalies. 1 Northern Britain,
PB85-187094 **16**-*535,927* PC **E04**

**REPT-83-7**

Depth Integrated Model for Suspended Transport,
PB85-172229 **13**-*529,069* PC **E06**/MF **E01**

**REPT-83-26**

Note on Integral Operators.
N85-28688/8 **20**-*545,577* PC **A02**/MF **A01**

**REPT-83-41**

Alcoholgebruik onder Automobilisten. Verslag van een Onderzoek naar de rij- en Drinkgewoonten van Nederlandse Automobilisten, Uitgevoerd in Het Najaar van 1981 (Use of Alcohol by Drivers. Report of a Research into Drinking and Driving Behaviour of Dutch Drivers, Carried Out in Autumn 1981),
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**REPT-83-42**

Verkeersonveiligheid in Nederland 1981/1982 (Traffic Safety in the Netherlands 1981/1982),
PB85-209278 **19**-*543,508* PC **E05**/MF **E01**

**REPT-83-43**

Effecten van het Tarievenplan Openbaar Vervoer 1984-1987 op de Verkeersveiligheid (Effects of the Tariff Plan for Public Transport 1984-1987 on Traffic Safety),
PB85-209153 **19**-*543,506* PC **E04**/MF **E01**

**REPT-83-44**

Veilig in de Auto (Safe in the Car),
PB85-209245 **19**-*543,637* PC **E03**/MF **E01**

**REPT-83-46**

Verkeersonveiligheid in Japan en de Aanpak Daarvan. Verslag van een Studiereis in November 1982 (Traffic Safety in Japan. Report of a Study Tour in November 1982),
PB85-209195 **19**-*543,507* PC **E04**/MF **E01**

**REPT-84**

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PB85-169126 **13**-*529,615* PC **E04**/MF **E01**

**REPT-84/1**

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N85-13536/6 **07**-*515,042* PC **A05**/MF **A01**

Steady, Incompressible, Inviscid Flow Through a Finite Collapsible Tube under Longitudinal Tension.
N85-28278/8 **20**-*546,507* PC **A03**/MF **A01**

**REPT-84-02**

Multicriteria Decision Analysis as an Aid to Strategic Planning of Energy Research and Development.
N85-28870/2 **20**-*544,629* PC **A04**/MF **A01**

**REPT-84-3**

Theoretical Development of Monte Carlo Codes for Modeling Cumulus Cloud Fields.
N85-11500/4 **04**-*508,067* PC **A04**/MF **A01**

Fast Implementation of Explicit Time Stepping Algorithms with the Finite Element Method for a Class of Nonlinear Evolution Problems.
N85-28686/2 **20**-*545,575* PC **A03**/MF **A01**

**REPT-84-04**

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N85-28428/9 **20**-*546,969* PC **A02**/MF **A01**

**REPT-84-006**

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PB85-172559 **13**-*529,665* PC **A04**/MF **A01**

**REPT-84-07**

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N85-28655/7 **20**-*545,442* PC **A02**/MF **A01**

**REPT-84-09**

Counterpart of Faxen's Formula in Potential Flow.
N85-28279/6 **20**-*546,968* PC **A02**/MF **A01**

**REPT-84-010-7762**

Operational Effects of Right Turn on Red in New Jersey.
PB85-185502 **16**-*536,269* PC **A04**/MF **A01**

**REPT-84-15**

Second-Order Pressure-Correction Method for Viscous Incompressible Flow.
N85-28280/4 **20**-*546,508* PC **A03**/MF **A01**

**REPT-84-20**

Relaxation Methods for Hyperbolic Equations.
N85-28687/0 **20**-*545,576* PC **A03**/MF **A01**

**REPT-84-23**

Upwind-Difference Methods for Aerodynamic Problems Governed by the Euler Equations.
N85-27834/9 **20**-*544,483* PC **A02**/MF **A01**

**REPT-84-24**

Future Directions in Operations Research.
N85-28711/8 **20**-*545,593* PC **A03**/MF **A01**

**REPT-84-28**

Ontwikkelingen Rond Ada (Ada Developments).
N85-29604/4 **21**-*547,965* PC **A03**/MF **A01**

**REPT-84-29**

Flow Through Finite Collapsible Tubes: A Branching Problem.
N85-28281/2 **20**-*546,509* PC **A03**/MF **A01**

Flow through Finite Collapsible Tubes: A Branching Problem,
PB85-166817 **12**-*527,927* PC **E04**/MF **E01**

**REPT-84-30**

Parallel Unconstrained Optimization Methods,
PB85-235430 **24**-*555,876* PC **E04**/MF **E01**

**REPT-84-31**

Limiting Profiles in Contaminant Transport through Porous Media.
N85-28282/0 **20**-*545,739* PC **A03**/MF **A01**

Limiting Profiles in Contaminant Transport through Porous Media,
PB85-170561 **13**-*530,330* PC **E04**/MF **E01**

**REPT-84-32**

Network Programming with Umbrellas,
PB85-166825 **12**-*527,214* PC **E04**/MF **E01**

**REPT-84-33**

Multiple Regression Technique for Detecting Outliers.
N85-28706/8 **20**-*545,587* PC **A02**/MF **A01**

Multiple Regression Technique for Detecting Outliers,
PB85-170579 **13**-*529,568* PC **E03**/MF **E01**

**REPT-84-34**

Navier-Stokes Capillary Free Boundary in Open Boat Crystal Growth.
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Navier-Stokes Capillary Free Boundary in Open Boat Crystal Growth,
PB85-170553 **13**-*530,310* PC **E03**/MF **E01**

**REPT-84-35**

Asymptotic Expansion of Jacobi Polynomials.
N85-28689/6 **20**-*545,578* PC **A02**/MF **A01**

Asymptotic Expansion of Jacobi Polynomials,
PB85-166833 **12**-*527,205* PC **E03**/MF **E01**

**REPT-84-36**

Ray Tracing General Sweep Defined Objects.
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**REPT-84-37**

Accuracy of the Poincare-Lindstedt Method.
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**REPT-84-38**

Interface with Decision Makers in Interactive Multiobjective Linear Programming.
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Interface with Decision Makers in Interactive Multi-Objective Linear Programming,
PB85-165280 **12**-*527,213* PC **E04**/MF **E01**

**REPT-84-39**

Fourier Coding and Reconstruction of Complicated Contours.
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Fourier Coding and Reconstruction of Complicated Contours,
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**REPT-84-41**

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**REPT-84-43**

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**REPT-84-44**

Transverse Dispersion from an Originally Sharp Fresh-Salt Interface Caused by Shear Flow,
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**REPT-84-46**

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**REPT-84-48**

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**REPT-84-49**

Inputting Constructive Solid Geometry Representations from Two-Dimensional Orthographic Engineering Drawings,
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**REPT-84-50**

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**REPT-84-51**

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**REPT-84-154**

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**REPT-85-003-7717**
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**REPT-85-10**
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**REPT-141**
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**REPT-142**
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**REPT-145**
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**REPT-146**
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**REPT-160**
Maetning av Traed och Traeddelar vid Iggesunds Bruk (Scaling of Unlimbed Pulpwood at Iggesunds Bruk),
PB85-210433 **19**-*542,172* PC **E04**/MF **E01**

**REPT-161**
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**REPT-172**
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**REPT-187**
Inventarisatie Arbeidsaanbod en Uitgaande Pendel van Flevoland in 1980 (Inventory of Labor Supply and Migration from Flevoland in 1980),
PB85-247872 **26**-*560,199* PC **E13**/MF **E01**

**REPT-197**
Shipwrecks of the Zuiderzee,
PB85-200517 **18**-*541,287* PC **E04**/MF **E01**

**REPT-199**
Conservation of Shipwrecks at the Museum of Maritime Archaeology at Ketelhaven (Repporten Inzake de Inrichting en Ontwikkeling van de Ijsselmeerpolders en Andere Landaanwinningswerken),
PB85-241099 **24**-*554,834* PC **E04**/MF **E01**

**REPT-201**
Invloed van Grondwaterregime en Stikstofbemesting op Opbrengst en Kwaliteit van Appels (Influence of Subsoil Water and Nitrogen Fertilizer on the Quality and Quanity of Apples),
PB85-196707 **17**-*537,071* PC **E13**/MF **E01**

**REPT-217**
Hydrilla Management in North Carolina,
PB85-215044 **20**-*544,767* PC **A04**/MF **A01**

**REPT-221**
Drie Middeleeuwse Rivierschepen, Gevonden bij Meinerswijk (Arnhem) Opgravingsverslagen 5, 6 en 7 (Three Mediaeval River-Vessels, Found Near Meinerswijk) (Arnhem),
PB85-202349 **18**-*541,289* PC **E04**/MF **E01**

**REPT-224**
Martingales with Given Absolute Value from the Multiplicative Decomposition of Positive Submartingales,
PB85-200533 **18**-*540,928* PC **E03**/MF **E01**

**REPT-225**
Binary Convexities and Distributive Lattices,
PB85-201713 **18**-*540,938* PC **E04**/MF **E01**

**REPT-226**
Dimension of Binary Convex Structures,
PB85-201630 **18**-*540,933* PC **E04**/MF **E01**

**REPT-227**
Inequality for Stopped Brownian Motion,
PB85-200442 **18**-*540,923* PC **E03**/MF **E01**

**REPT-233**
Property C and Fine Homotopy Equivalences,
PB85-200459 **18**-*540,924* PC **E03**/MF **E01**

**REPT-235**
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PB85-211027 **19**-*543,629* PC **E04**/MF **E01**

**REPT-237**
Continuity of Convexity Preserving Functions,
PB85-202190 **18**-*540,944* PC **E03**/MF **E01**

**REPT-238**
Hasse-Witt Matrix of a Formal Group,
PB85-202554 **18**-*540,955* PC **E04**/MF **E01**

**REPT-240**
Method for Constructing Ordered Continua,
PB85-203388 **18**-*540,958* PC **E04**/MF **E01**

**REPT-241**
Construction of Martingales with Given Absolute Value (II),
PB85-202182 **18**-*540,943* PC **E03**/MF **E01**

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**REPT-242**
Moderate and Large Deviations in Multinomial Distributions,
PB85-202547 **18**-*540,954* PC **E04**/MF **E01**

**REPT-243**
Closed Images of Topological Groups,
PB85-202497 **18**-*540,953* PC **E03**/MF **E01**

**REPT-244**
Generic Points in the Cartesian Square of Chacon's Transformation,
PB85-202489 **18**-*540,952* PC **E03**/MF **E01**

**REPT-245**
Chebyshev Sets and Continuous Position,
PB85-202174 **18**-*540,942* PC **E03**/MF **E01**

**REPT-246**
Number of Classes in Chi-Square Goodness of Fit Tests,
PB85-202166 **18**-*540,941* PC **E04**/MF **E01**

**REPT-247**
Solutions of Boundary Value Problems for the Tricomi-Equation,
PB85-203271 **18**-*540,957* PC **E04**/MF **E01**

**REPT-249**
Codimension Two Bifurcation with a Third Order Picard-Fuchs Equation,
PB85-200467 **18**-*540,925* PC **E03**/MF **E01**

**REPT-251**
Asymptotic Expansion of the Global Error of the Box Scheme in a Stiff Case,
PB85-200475 **18**-*540,926* PC **E04**/MF **E01**

**REPT-252**
Separable Normal Topological Group Which Is Not Lindeloef,
PB85-200483 **18**-*540,927* PC **E03**/MF **E01**

**REPT-253**
Relation between Cone Penetration and Static Loading of Piles in Locally Strongly Varying Sand Layers,
PB85-237881 **24**-*556,113* PC **E03**/MF **E01**

**REPT-254**
Convex Hilbert Cubes in Superextensions,
PB85-201721 **18**-*540,939* PC **E03**/MF **E01**

**REPT-255**
Extrapolated Midpoint Rule for Delay Differential Equations. 1. Expansion Theorems,
PB85-201705 **18**-*540,937* PC **E04**/MF **E01**

**REPT-256**
Simple Example Where the Jackknife Fails,
PB85-202471 **18**-*540,951* PC **E03**/MF **E01**

**REPT-257**
Some Continuity Theorems in Probability,
PB85-202463 **18**-*540,950* PC **E04**/MF **E01**

Monitoring Water Quantity and Water Quality in an Urban Basin,
PB85-237899 **25**-*558,655* PC **E03**/MF **E01**

**REPT-258**
Selection Theorem for Topological Convex Structures,
PB85-201655 **18**-*540,935* PC **E04**/MF **E01**

**REPT-260**
Function Spaces of Low Borel Complexity,
PB85-201663 **18**-*540,336* PC **E03**/MF **E01**

**REPT-263**
Discrete Approximation of Eigenfunction Expansions of Self Adjoint Ordinary Differential Operators,
PB85-201648 **18**-*540,934* PC **E03**/MF **E01**

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**REPT-266**
Best Bound in the L log L Inequality of Hardy and Littlewood and Its Martingale Counterpart,
PB85-201622 **18**-*540,932* PC **E03**/MF **E01**

**REPT-268**
Invariant Arcs, Whitney Levels, and Kelley Continua,
PB85-201614 **18**-*540,931* PC **E04**/MF **E01**

**REPT-269**
Simulation Model for Physical Soil-Ripening in the IJsselmeerpolders,
PB85-190544 **17**-*538,475* PC **E03**/MF **E01**

Dowker Group,
PB85-200541 **18**-*540,929* PC **E03**/MF **E01**

**REPT-273**
Azema-Yor Stopping Time and Ultimateness,
PB85-202422 **18**-*540,946* PC **E03**/MF **E01**

**REPT-274**
Cost-Benefit Analysis for a Planned Part of the Ijsselmeerpolders Project (Case Study Markerwaard),
PB85-166841 **12**-*526,109* PC **E03**/MF **E01**

Product of Homogeneous Spaces,
PB85-202414 **18**-*540,945* PC **E04**/MF **E01**

**REPT-275**
Significance of Agriculture in the Dutch Ijsselmeerpolders,
PB85-169449 **12**-*525,929* PC **E03**/MF **E01**

Fragmentation of Certain Pseudocompact Groups,
PB85-202455 **18**-*540,949* PC **E03**/MF **E01**

**REPT-276**
Transfinite Classification of Weakly-Infinite Dimensional Spaces,
PB85-202448 **18**-*540,948* PC **E04**/MF **E01**

**REPT-278**
Descriptive Complexity of Function Spaces,
PB85-202430 **18**-*540,947* PC **E03**/MF **E01**

**REPT-285**
Regional Economic Policy in the New Towns Almere and Lelystad,
PB85-169373 **12**-*526,113* PC **E03**/MF **E01**

**REPT-286**
From Spontaneous Settlement to Integrated Planning and Development,
PB85-169423 **12**-*527,317* PC **E03**/MF **E01**

**REPT-287**
Oostvaardersplassen, the Developing of Marshy Ecosystems Especially for Waterfowl,
PB85-167237 **12**-*526,736* PC **E03**/MF **E01**

**REPT-309**
Ook de Kleine Ondernemer Kan Profijt Hebben van een Bedrijvencentrum (Even the Small Businessman Can Profit from an Industrial Center),
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**REPT-314**
Progress Since 1979 in the Netherlands,
PB85-167518 **12**-*526,781* PC **E03**/MF **E01**

**REPT-319**
Limnological Studies on the Eutrophication of Lake Wolderwijd. A Shallow Hypertrophic 'Oscillatoria' Dominated Lake in the Netherlands,
PB85-169431 **12**-*526,792* PC **E04**/MF **E01**

**REPT-321**
Water Budgets for the Town of Lelystad,
PB85-167526 **12**-*526,782* PC **E03**/MF **E01**

**REPT-322**
Design Inflow Intensity and Design Inflow Profiles for Storm Sewers,
PB85-169365 **12**-*527,316* PC **E03**/MF **E01**

**REPT-323**
Infiltration in the Pavement,
PB85-169357 **12**-*527,315* PC **E03**/MF **E01**

**REPT-412U-2094-12/14**
Experiment in Software Reliability.
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Effects of Siltation on Embryonic Mortality of Trout.
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Statistical Interpretation of NWP Model Output: An Overview of Techniques Used and Results Achieved.
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**REPT-569**
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**REPT-613,**
Experimental Study of Spray Thruster.
N85-21578/8 **14**-*532,860* PC **A04**/MF **A01**

**REPT-615,**
Drag-Free Satellite Simulator.
N85-21229/8 **14**-*532,877* PC **A02**/MF **A01**

**REPT-616,**
Development of Faraday Cup Onboard Ms-T5 for Solar Wind Measurements.
N85-21255/3 **14**-*532,885* PC **A03**/MF **A01**

**REPT-695**
Wet Model of Saturn's Ionosphere: Water from the Rings.
N84-35262/4 **02**-*502,879* PC **A02**/MF **A01**

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Impact of Foreign Industrial Practices on the U.S. Computer Industry,
PB85-213296 **20**-*544,672* PC **A16**/MF **A01**

**REPT-903.310**
High-Rise Building Data Base - Professional Specialists Data Base,
PB85-234995 **23**-*552,189* PC **A03**/MF **A01**

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**REPT-624160-SECT-7-VOL-3**
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PB85-186609 **16**-*536,367* PC **A11**/MF **A01**

**REPT-624161-PT-1**
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PB85-201473 **18**-*541,305* PC **A15**

**REPT-624161-PT-2**
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PB85-201481 **18**-*541,306* PC **A12**

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PB85-189819 **16**-*536,371* PC **A07**/MF **A01**

**REPT-624175-SECT-7-VOL-3**
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PB85-189827 **16**-*536,372* PC **A08**/MF **A01**

**REPT-624185**
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PB85-163855 **11**-*524,666* PC **A06**/MF **A01**

**REPT-685101**
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N85-28513/8 **20**-*544,588* PC **A03**/MF **A01**

**REPT-804608**
Bumper Tests of a 1979 Ford LTD Retrofitted with Romeo-Kojyo and Breed All Mechanical Air Bag Sensor Systems.
PB85-174290 **14**-*532,224* PC **A05**/MF **A01**

**REPT-830830**
Evaluation of NHTSA (National Highway Traffic Safety Administration) Modified Volkswagen Rabbits. MDB-to-Car Side Impact Test of a 19 deg Crabbed Moving Deformable Barrier to a 1976 Volkswagen Rabbit at 34.3 MPH.
PB85-175511 **14**-*532,227* PC **A09**

**REPT-831006**
Evaluation of NHTSA (National Highway Traffic Safety Administration) Modified Volkswagen Rabbits MDB-to-Car (Moving Deformable Barrier-to-Car) Impact Test of a 19 deg Crabbed Moving Deformable Barrier to a 1981 Volkswagen Rabbit at 34.4 MPH.
PB85-170355 **11**-*524,771* PC **A09**/MF **A01**

**REPT-831019**
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PB85-172674 **13**-*529,782* PC **A09**/MF **A01**

**REPT-840104**
Side Protection in 2-Door and 4-Door Production Vehicles MDB-to-Car Side Impact Test of a 26 deg Crabbed Moving Deformable Barrier to a 1981 Plymouth Horizon at 33.5 mph.
PB85-247641 **26**-*561,230* PC **A09**/MF **A01**

**REPT-840109**
Side Protection in 2-Door and 4-Door Production Vehicles MDB-to-Car Side Impact Test of a 26 deg Crabbed Moving Deformable Barrier to a 1981 Dodge Omni at 33.5 mph.
PB85-247633 **26**-*561,229* PC **A09**/MF **A01**

**REPT-840113**
Side Protection in 2-Door and 4-Door Production Vehicles MDB-to-Car Side Impact Test of a 26 deg Crabbed Moving Deformable Barrier to a 1981 Ford Granada at 33.5 mph.
PB85-247658 **26**-*561,231* PC **A08**/MF **A01**

**REPT-840118**
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PB85-248862 **26**-*561,236* PC **A09**/MF **A01**

**REPT-840209**
Side Protection in 2-Door and 4-Door Production Vehicles MDB-to-Car Side Impact Test of a 19 deg Crabbed Moving Deformable Barrier to a 1981 Plymouth Horizon at 34.4 mph.
PB85-248748 **26**-*561,235* PC **A09**/MF **A01**

**REPT-840216**
Side Protection in 2-Door and 4-Door Production Vehicles MDB-to-Car Side Impact Test of a 19 deg Crabbed Moving Deformable Barrier to a 1981 Dodge Omni at 34.3 mph.
PB85-247666 **26**-*561,232* PC **A08**/MF **A01**

**REPT-840302**
Side Protection in 2-Door and 4-Door Production Vehicles MDB-to-Car Side Impact Test of a 26 deg Crabbed Moving Deformable Barrier to a 1982 Nissan Sentra at 33.5 mph.
PB85-248714 **26**-*561,234* PC **A09**/MF **A01**

**REPT-840316**
Side Protection in 2-Door and 4-Door Production Vehicles MDB-to-Car Side Impact Test of a 26 deg Crabbed Moving Deformable Barrier to a 1982 Honda Civic at 33.4 mph.
PB85-248706 **26**-*561,233* PC **A09**/MF **A01**

**REPT-840823**
Frontal Occupant Sled Simulation Correlation, Vehicle to Fixed Load Cell Barrier, 1980 Ford Mustang into a Fixed Load Cell Barrier at 29.9 mph.
PB85-215622 **20**-*545,924* PC **A09**/MF **A01**

**REPT-840926**
Frontal Crash Responses Car-to-FRB (Fixed Rigid Barrier) Impact Test of a 1983 Chevrolet Celebrity to a Fixed Load Measuring Barrier at 30.0 mph,
PB85-216307 **20**-*545,925* PC **A07**/MF **A01**

**REPT-841004**
Frontal Crash Responses Car-to-FRB (Front/Rear Bumper) Impact Test of a 1983 Chevrolet Celebrity to a Fixed Load Measuring Barrier at 29.7 mph,
PB85-223790 **22**-*550,732* PC **A09**/MF **A01**

**REPT-841011**
Frontal Crash Responses Car-to-FRB (Fixed Rigid Barrier) Impact Test of a 1984 Pontiac Fiero to a Fixed Load Measuring Barrier at 29.7 mph,
PB85-218550 **20**-*545,931* PC **A09**/MF **A01**

**REPT-841018**
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PB85-216356 **20**-*545,926* PC **A11**/MF **A01**

**REPT-841030-841116**
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PB85-212850 **20**-*545,922* PC **A19**/MF **A01**

**REPT-841114**
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PB85-216679 **20**-*545,927* PC **A12**/MF **A01**

**REPT-841218**
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PB85-233641 **23**-*553,538* PC **A12**/MF **A01**

**REPT-841219-850107**
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PB85-213015 **20**-*545,923* PC **A14**/MF **A01**

**REPT-850228**
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PB85-245413 **25**-*558,702* PC **A12**/MF **A01**

**REPT-850315**
Frontal Crash Responses Car-to-Car Impact Test of a 1984 Chevrolet Celebrity into a 1984 Dodge Omni with a Closing Velocity of 37.7 MPH,
PB85-235281 **23**-*553,542* PC **A13**/MF **A01**

**REPT-850326**
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**RFP-TRANS-436**
Material for Protection of Metal Surfaces Against Corrosion by Molten Salts.
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DE85005305 **11**-*525,286* PC **A02**/MF **A01**

**RFP-TRANS-444**
Microwave-Heated Fluidized-Bed Reaction Device.
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**RFP-TRANS-446**
Study of the Phase Diagram of the Calcium Chloride/Calcium System by DTA.
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Development of a Radioactive Waste Treatment System by Microwave Heating. 1. Ion Exchange Resin Incineration Test.
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**RFP-3548**
Mechanically Assembled' Non-Bonded Tranducers Utilizing PVDF Film.
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**RFP-3551**
Characterization of Natural Chabazite and 5A Synthetic Zeolites.
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**RFP-3555**
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**RFP-3572**
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Characterization of Natural Chabazite and 5A Synthetic Zeolites. Part 2. Adsorption Properties and Porosity.
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**RFP-3590**
Ultrasonic Test Methods and Systems for Evaluating Depleted Uranium Penetrators.
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**RFP-3595**
Low-Level Nitrate Waste Process Development.
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**RFP-3597**
Rockwell International's Critical Mass Laboratory Program at the Rocky Flats Plant.
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**RFP-3600**
Rocky Flats Plans for Inductively Coupled Plasma (ICP) Analysis of Impurities in Plutonium Materials.
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**RFP-3601**
Ferrite Treatment of Actinide Waste Solutions: Chemical Interferences in Actinide Removal by Ferrite Treatment.
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**RFP-3602**
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**RFP-3607**
Low Temperature Calibration Fixture.
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**RFP-3608**
Accuracy Concerns in Crush Dressed Form Grinding.
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**RFP-3615**
Operational Assays for Fissile Material in Crated Nuclear Energy Wastes.
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**RFP-3618**
Automated Thermocouple Calibration System.
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Immobilization of Rocky Flats Plant Liquid Organic Wastes.
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**RFP-3624**
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**RFP-3627**
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Speed and Accuracy in Automated Manufacture.
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**RFP-3631**
In-Service Filter Testing.
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**RFP-3633**
Wind Resuspension of Trace Amounts of Plutonium Particles from Soil in a Semi-Arid Climate.
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**RFP-3634**
Moisture Resistant, Semi-Automatically Assembled, Low Cost Air Proportional alpha Detector.
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**RFP-3639**
Ion Exchange Technology in Spent Fuel Reprocessing.
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**RFP-3641**
Characterization of Er sub 2 O sub 3 -Substrate Interfaces.
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**RFP-3643**
Field Test and Evaluation of the Simultaneous Calorimetric Assay System.
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**RFP-3644**
Unique, Time Saving Applications of the Ion Chromatograph in an Industrial Laboratory.
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**RFP-3645**
Evaluation of a TRU Waste Counter for Crated Nuclear Wastes.
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**RFP-3646**
Heat Capacity (8 to 350 K) of PuH sub 1 sub 9 , Heat Capacity (340 to 600 K) of PuH sub 2 sub 0 , and Recommended Thermodynamic Properties of PuH sub 2 to 600 K.
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**RFP-3647**
Analysis of Resuspension Source Area Impacts at Rocky Flats Surveillance Air Samplers S-7 and S-8, July 25-August 25, 1983 and September 8-October 4, 1983.
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**RFP-3651**
Corrosion Resistance of Zinc Coatings on Depleted Uranium and Uranium Alloys.
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**RFP-3652**
Americium-241: The Most Useful Isotope of the Actinide Elements.
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**RFP-3655**
Plutonium Purification by Vacuum Distillation.
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**RFP-3656**
Characterization of the Thermal Surface, and Oxygen Adsorption Properties of Type 4A and 5A Synthetic Zeolites.
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**RFP-3660**
Integration of Long-Range Planning for Management of Defense Transuranic Waste.
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**RFP-3670**
Program at the Rocky Flats Critical Mass Laboratory.
DE85004983 **10**-*522,674* PC **A02**/MF **A01**

**RFP-3677**
Proving Ring Calibrations Using a Deadweight Pressure System.
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**RFP-3680**
Remote-Handled/Special Case TRU Waste Characterization Summary.
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Remote-Handled/Special Case TRU Waste Characterization Summary.
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**RFP-3682**
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**RFP-3683**
Terrain-Responsive Atmospheric Code (TRAC) For Plume Growth and Dispersion in Complex Terrain.
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**RFP-3685**
Bifunctional Organophosphorus Liquid-Liquid Extraction Reagents: Development and Applications.
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**RFP-3686**
Review of Major Plutonium Pyrochemical Technology.
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**RFP-3687**
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**RFP-3688**
Process Chemistry of Americium-241.
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**RFP-3692**
Ferrite Treatment of Actinide Waste Solutions: Alternative Methods of Ferrite Production for Use in Waste Treatment.
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**RFP-3694**
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**RFP-3696**
Harris TOTAL Data Base System and Harris Data Base Management System (DMS).
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**RFP-3704**
Americium Transfer Studies Using Hollow Fiber/Extractant Membranes.
DE85004973 **12**-*527,749* PC **A02**/MF **A01**

**RFP-3705**
Production and Recovery of Americium-241.
DE85004972 **10**-*522,617* PC **A02**/MF **A01**

**RFP-3712**
DOR-ER Direct Oxide Reduction Electrorefining at Rocky Flats.
DE85004974 **10**-*521,656* PC **A02**

**RFP-3713**
Catecholamide H Shaped Ligands as Actinide Chelators.
DE85005181 **15**-*533,555* PC **A02**/MF **A01**

**RFP-3714**
Actinide Physicochemical Data Assessment and Selection.
DE85005185 **10**-*521,729* PC **A02**/MF **A01**

**RFP-3715**
Mechanical Properties of Electrodeposited Nickel and Copper.
DE85005321 **11**-*524,478* PC **A03**/MF **A01**

**RFP-3717**
Spring Loaded Hold-down for Mounting HEPA Filters at Rocky Flats.
DE85005184 **10**-*522,422* PC **A02**/MF **A01**

**RFP-3719**
Redox Behavior of Plutonium in Nitric Acid Process Solutions.
DE85005183 **10**-*522,871* PC **A02**/MF **A01**

**RFP-3723**
Reflective Perspectives.
DE85005182 **10**-*522,631* PC **A02**/MF **A01**

**RFP-3724**
Post Stall Airfoil Data for Wind Turbines: Wind Tunnel Test Results.
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**RFP-3725**
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**RFP-3726**
Effects of SO sub 2 Torch Gas Additions on GTA Weld Shape.
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**RFP-3728**
Interaction of Trace Elements and Welding Parameters on GTA Weld Shape.
DE85004046 **21**-*548,605* PC **A02**/MF **A01**

**RFP-3730**
Model for Asymmetrical Plume Growth and Dispersion in Complex Terrain.
DE85003213 **08**-*515,856* PC **A02**/MF **A01**

**RFP-3731**
On-Site Transportation of Radioactive and Other Hazardous Materials at Rocky Flats.
DE85004044 **09**-*519,965* PC **A02**/MF **A01**

**RFP-3733**
Literature Survey of Discontinuous-Fiber-Reinforced Composites with Emphasis on Pressure Vessels.
DE85010386 **18**-*540,819* PC **A02**/MF **A01**

**RFP-3738**
Effective Use of SDM/70 to Develop an Interactive, Multi-User Standards Laboratory System at Rocky Flats Plant.
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**RFP-3741**
Low-Level Nitrate Waste Process Development.
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**RFP-3742**
Health, Safety, and Environment Laboratories Progress Report, January-June 1984.
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**RFP-3743**
Rockwell International - Rocky Flats Plant: Occupational Health Information System.
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**RFP-3745**
Binary Phase Diagram Determinations.
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**RFP-3746**
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PB85-152171 **10**-*521,852* PC **E04**/MF **E01**

**RR-CE54**
Inelastic Experiments on Angle and Tee Struts.
PB85-152239 **09**-*519,779* PC **E05**/MF **E01**

**RR-CE55**
Inelastic Buckling of Single Angle, Tee and Double Angle Struts.
PB85-152189 **09**-*519,777* PC **E04**/MF **E01**

**RR-1**
Meeting Food Needs in the Developing World: The Location and Magnitude of the Task in the Next Decade.
PB85-167633 **12**-*526,514* MF **A01**

**RR-1/84**
Review of Methods of Analysis for the Prediction of the Strength and Stiffness Properties of Plywood.
PB85-117430 **03**-*506,491* PC **E05**/MF **E05**

**RR-1/85**
Methods for Calibrating Design Factors in Partial Coefficients Limit States Design Codes for Structural Timberwork: With Special Reference to Mechnical Timber Joints.
PB85-181741 **15**-*534,310* PC **E06**/MF **E06**

**RR-2**
Recent and Prospective Developments in Food Consumption: Some Policy Issues.
PB85-167385 **12**-*525,916* MF **A01**

**RR-2/84**
Concentrated Load Capacity (Punching Shear Strength) of Wood Chipboard. Part 2. Assessment of the Influence of Bending on the Resistance of Flooring Chipboard to Gradually Applied Concentrated Loads.
PB85-185395 **15**-*534,228* PC **E04**/MF **E04**

**RR-2/85**
Sensitivity Studies on the Influence of Joist to Sheathing Joint Characteristics on the Behaviour of Light-Weight Timber Floors.
PB85-181758 **15**-*534,311* PC **E03**/MF **E03**

**RR-3**
Food Needs of Developing Countries: Projections of Production and Consumption to 1990.
PB85-167377 **12**-*526,509* MF **A01**

**RR-3-85**
Perceptions of the Educational Coordinator's Role in the Navy Medical Department.
AD-A157 551/3 **23**-*552,179* PC **A07**/MF **A01**

Evaluation of Vibrational Performance of Light-Weight Wooden Floors: State-of-the-Art and Recommendations for Future Research.
PB85-235422 **23**-*553,630* PC **E03**/MF **E03**

**RR-4**
Food Security: An Insurance Approach.
PB85-167492 **12**-*526,513* MF **A01**

**RR-5**
Impact of Subsidized Rice on Food Consumption and Nutrition in Kerala.
PB85-167484 **12**-*526,512* MF **A01**

**RR-5/82**
Interpretation and Adjustment of Results from Short Term Lateral Load Tests on Whitewood Joint Specimens with Nails or Bolts.
PB85-117414 **03**-*506,726* PC **E07**/MF **E07**

**RR-5/83**
Punching Shear Strength of Wood Chipboard. Part 1. Initial Assessment of the Influence of Board Thickness, Punch Size, Joist Spacing and Tongue and Groove Joints on the Resistance of Chipboard to Gradually Applied Concentrated Loads.
PB85-117422 **03**-*506,718* PC **E04**/MF **E04**

**RR-6**
Intersectoral Factor Mobility and Agricultural Growth.
PB85-167468 **12**-*525,920* MF **A01**

**RR-6/83**
Structural Use of Chipboard for Flooring: State of the Art Report.
PB85-139855 **07**-*515,122* PC **E03**/MF **E03**

**RR-6/85**
Tropical Closed Forest.
PB85-234821 **24**-*554,633* PC **E03**/MF **E03**

**RR-7**
Public Distribution of Foodgrains in Kerala. Income Distribution Implications and Effectiveness.
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**RR-8**
Foodgrain Supply, Distribution, and Consumption Policies within a Dual Pricing Mechanism: A Case Study of Bangladesh.
PB85-167401 **12**-*525,917* MF **A01**

**RR-8/85**
Review of Non-Destructive Evaluation of Wood-Based Sheet Materials.
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**RR-9**
Brazil's Minimum Price Policy and the Agricultural Sector of Northeast Brazil.
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**RR-10**
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PB85-167435 **12**-*526,511* MF **A01**

**RR-11**
Rapid Food Production Growth in Selected Developing Countries: A Comparative Analysis of Underlying Trends, 1961-76.
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Role of Mining in the South African Economy.
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Two Analyses of Indian Foodgrain Production and Consumption Data.
PB85-167450 **12**-*525,947* MF **A01**

**RR-13**
Impact of Public Foodgrain Distribution on Food Consumption and Welfare in Sri Lanka.
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**RR-14**
Developed-Country Agricultural Policies and Developing-Country Supplies: The Case of Wheat.
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**RR-15**
Food Production in the People's Republic of China.
PB85-166403 **12**-*525,912* MF **A01**

**RR-17**
Agricultural Research Policy in Nigeria.
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**RR-18**
Some Properties of Cereal Grains, Food Legumes and Oilseeds (Hygroscopic, Thermal, Physical) Affecting Storage and Drying.
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PB85-166411 **12**-*525,944* MF **A01**

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**RR-84-30**

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**RR-84-31**

Program to Produce Standard Shewhart Control Charts for the Statistics X-Bar and R or S, P, NP, C, or U.
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**RR-84-32**

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**RR-84-35**

Computer System for Generating Single and Double Sampling Plans for Attributes Data.
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**RR-84-36**

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**RR-85-1-ONR**

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**RR-108**

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Origin/Destination Survey - Procedures for an Irish Town,
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**SAND-84-0542C**
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**SAND-84-0548**
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**SAND-84-0609C**
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**SAND-84-1060**
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**SAND-84-1410**
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**SAND-84-2305**
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DE85010411 **18**-*540,465* PC **A03**/MF **A01**

**SAND-85-0316C**
Plugging Mechanisms in a Lost Circulation Model.
DE85008315 **23**-*552,891* PC **A02**/MF **A01**

**SAND-85-0317C**
Magnetic Properties of Shock-Synthesized and Furnace-Reacted Zinc Ferrite.
DE85014840 **24**-*557,030* PC **A02**/MF **A01**

**SAND-85-0318C**
Artifical Intelligence Based Control of a Sensor-Driven Machine.
DE85006972 **13**-*529,757* PC **A02**/MF **A01**

**SAND-85-0322C**
Dynamic Shock Studies of Vanadium.
DE85017381 **26**-*560,936* PC **A03**/MF **A01**

**SAND-85-0329C**
PNP Beam Lead Transistor Failures.
DE85006990 **15**-*533,7/8* PC **A02**/MF **A01**

**SAND-85-0333C**
Synthesis of Nickel-Aluminum Alloys by Shock Compression of Composite Particles.
DE85015165 **24**-*555,775* PC **A02**/MF **A01**

**SAND-85-0334C**
Shock-Induced Temperature Distributions in Powder Compact Recovery Fixtures.
DE85015139 **24**-*556,558* PC **A02**/MF **A01**

**SAND-85-0346C**
Electron Spin Resonance Study of Interface States Induced by Electron Injection in Metal-Oxide-Semiconductor Devices.
DE85009502 **17**-*537,892* PC **A03**/MF **A01**

**SAND-85-0356C**
Calibrated Faraday Current and Magnetic Field Sensor.
DE85015507 **24**-*556,137* PC **A02**

**SAND-85-0357C**
Experimental Check of Bremsstrahlung Dosimetry Predictions for 0.75 MeV Electrons.
DE85014706 **24**-*556,353* PC **A03**/MF **A01**

**SAND-85-0361**
CP DDT Detonators: 4. Thermal Aging.
DE85011172 **18**-*541,629* PC **A02**/MF **A01**

**SAND-85-0362C**
High Speed Multi-Channel Data Recorder to Replace Oscilloscope Data Acquisition Systems.
DE85015158 **25**-*558,824* PC **A02**/MF **A01**

**SAND-85-0366C**
Chemical Synthesis under Shock Compression.
DE85015166 **24**-*555,256* PC **A02**/MF **A01**

**SAND-85-0367C**
Relationships Between the Sol to Gel and Gel to Glass Conversions: 2. Structure of Gels-During Densification.
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**SAND-85-0377C**
Heterogeneous Response of Aluminum and Lithium Niobate to Shock Waves.
DE85013963 **22**-*551,779* PC **A02**/MF **A01**

**SAND-85-0381C**
Interior Sensor and Environment Monitor.
DE85015161 **24**-*556,320* PC **A02**/MF **A01**

**SAND-85-0383C**
Subthreshold Generation of Free Radicals in Shock-Loaded Organic Solids.
DE85015143 **25**-*559,361* PC **A02**/MF **A01**

**SAND-85-0385C**
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**SAND-85-0387C**
Effects of Processing Chemistry on Electrical Properties of High Field ZNO Varistors.
DE85007688 **14**-*531,634* PC **A02**/MF **A01**

**SAND-85-0391C**
Simulation of Lattice Damage Due to Dynamic Loading.
DE85008468 **21**-*549,155* PC **A02**/MF **A01**

**SAND-85-0397C**
Modeling and Computation of Deflagration-to-Detonation Transition in Reactive Granular Materials.
DE85016160 **26**-*561,663* PC **A03**/MF **A01**

**SAND-85-0398C**
Implications of Thermal Wear Phenomena for PDC Bit Design and Operation.
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**SAND-85-0401C**
Model for the Growth of Fractal Silica Polymers.
DE85007884 **14**-*531,898* PC **A02**/MF **A01**

**SAND-85-0402**
Mass Spectrometer Based Gas Permeation Apparatus.
DE85011176 **18**-*541,327* PC **A03**/MF **A01**

**SAND-85-0405C**
X-Ray Diffraction Studies of Shock-Modified Inorganic Materials.
DE85015150 **24**-*555,707* PC **A02**/MF **A01**

**SAND-85-0406C**
Shock Recovery Experiments on PZT 95/5.
DE85015156 **24**-*556,604* PC **A02**/MF **A01**

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**SAND-85-0412C**
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**SAND-85-0414C**
Use of Sol-Gel Thin Films in Solar Energy Applications.
DE85014838 **25**-*558,380* PC **A03**/MF **A01**

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**SAND-85-0428C**
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**SAND-85-0435C**
Photosensitivity and Imaging Characteristics of Ion-Implanted PLZT Ceramics.
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**SAND-85-0438C**
Theory of Molecular Dissociation in Shocked Nitrogen and Oxygen.
DE85015148 **25**-*557,964* PC **A02**/MF **A01**

**SAND-85-0444C**
Determining Peak Stress History Using Acoustic Emissions.
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Using PVFORM, a Systems Performance Model, to Determine Optimum Mounting Configurations for Flat-Plate Photovoltaic Modules.
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**SAND-85-0459C**
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**SAND-85-0498C**
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**SAR-28**
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Thermal Radiation Source Test Facility,
AD-A146 561/6 **01**-*501,954* PC **A03**/MF **A01**

**SBI-AD-E301-488**

Operation CROSSROADS-1946.
AD-A146 562/4 **01**-*502,143* PC **A24**/MF **A01**

**SBI-AD-E301-510**

Hydrodynamics Calculations for MINI JADE Gages.
AD-A147 486/5 **03**-*506,968* PC **A09**/MF **A01**

**SBI-AD-E301-513**

Operations FLINTLOCK and LATCHKEY Events RED HOT, PIN STRIPE, DISCUS THROWER, PILE DRIVER, DOUBLE PLAY, NEWPOINT, MIDI MIST, 5 March 1966-26 June 1967.
AD-A148 997/0 **07**-*515,342* MF **A01**

**SBI-AD-E301-527**

Conventional Attrition and Battle Termination Criteria. A Study of War Termination.
AD-A148 773/5 **06**-*513,964* PC **A05**/MF **A01**

**SBI-AD-E301-531**

Proliferation of Small Nuclear Forces.
AD-A148 776/8 **06**-*512,845* PC **A07**/MF **A01**

**SBI-AD-E301-534**

Status Report on Environment, Propagation and System Modeling for an ELF/VLF/LF(Extremely Low Frequency/Very Low Frequency/Low Frequency) Ionospheric Dependent Propagation Code.
AD-A148 772/7 **06**-*513,973* PC **A04**/MF **A01**

**SBI-AD-E301-535**

PNPN Latchup in Bipolar LSI Devices.
AD-A148 775/0 **06**-*513,470* PC **A05**/MF **A01**

**SBI-AD-E301-560**

Investigation of a Reusable Fuel-Air Explosive Nuclear Airblast Simulator.
AD-A149 473/1 **08**-*517,449* PC **A07**/MF **A01**

**SBI-AD-E301-561**

Effects of Dense, Hot Plasmas on Atomic Systems.
AD-A149 474/9 **08**-*518,030* PC **A03**/MF **A01**

**SBI-AD-E301-566**

Fuel-Air Explosive Nuclear Airblast Simulator. Investigation of Secondary Waves.
AD-A153 203/5 **15**-*534,548* PC **A06**/MF **A01**

**SBI-AD-E301-575**

Impact of Strong Scintillation on Space Based Radar Design. Noncoherent Detection.
AD-A153 150/8 **15**-*534,518* PC **A04**/MF **A01**

**SBI-AD-E301-586**

Merging of Non-Concentric Fireballs.
AD-A149 844/3 **09**-*519,930* PC **A05**/MF **A01**

**SBI-AD-E301-592**

Clutter Model for Space Based Radar.
AD-A150 279/8 **10**-*522,585* PC **A04**/MF **A01**

**SBI-AD-E301-599**

User's Guide and History of ANFO (Ammonium Nitrate/Fuel Oil) as a Nuclear Weapons Effect Simulation Explosive.
AD-A151 623/6 **12**-*527,709* PC **A15**/MF **A01**

**SBI-AD-E301-607**

Analysis of Radiation Exposure for Naval Personnel at Operation GREENHOUSE.
AD-A151 621/0 **12**-*527,809* PC **A07**/MF **A01**

**SBI-AD-E301-609**

CW (Continuous Waves) Measurement System. Software System Maintenance Manual.
AD-A151 622/8 **12**-*526,914* PC **A10**/MF **A01**

**SBI-AD-E301-615**

Laboratory Modeling of Aspects of Large Fires,
AD-A153 152/4 **15**-*534,288* PC **A04**/MF **A01**

**SBI-AD-E301-624**

CW (Continuous Wave) Measurement System. Operating Manual.
AD-A151 738/2 **13**-*529,796* PC **A11**/MF **A01**

**SBI-AD-E301-625**

Material Response Models and Ground Motion Calculations for High Explosive Tests in G-Tunnel Tuff.
AD-A151 737/4 **13**-*530,013* PC **A05**/MF **A01**

**SBI-AD-E301-626**

Laboratory Investigation of Containment of Underground Explosions.
AD-A151 712/7 **13**-*530,012* PC **A12**/MF **A01**

**SBI-AD-E301-639**

Analysis of Radiation Exposure, Third Marine Corps Provisional Atomic Exercise Brigade. Exercise Desert Rock VI, Operation Teapot.
AD-A152 189/7 **13**-*530,153* PC **A03**/MF **A01**

**SBI-AD-E301-640**

Analysis of Radiation Exposure for Naval Personnel at Operation SANDSTONE.
AD-A152 188/9 **13**-*530,152* PC **A04**/MF **A01**

**SBI-AD-E301-641**

Currents Induced on Uninsulated Wires with Finite Conductivity.
AD-A152 191/3 **13**-*529,111* PC **A05**/MF **A01**

**SBI-AD-E301-642**

Analysis of Radiation Exposure for Naval Personnel at Operation IVY.
AD-A152 190/5 **13**-*530,154* PC **A04**/MF **A01**

**SBI-AD-E301-649**

Analysis of Radiation Exposure, Task Force RAZOR. Exercise Desert Rock VI, Operation Teapot.
AD-A152 997/3 **15**-*534,642* PC **A04**/MF **A01**

**SBI-AD-E301-651**

Analysis of Radiation Exposure for Naval Units of Operation CROSSROADS. Volume 1. Basic Report.
AD-A152 702/7 **14**-*532,433* PC **A08**/MF **A01**

**SBI-AD-E301-655**

Planning Thermal Radiation Experiments at High Flux.
AD-A152 998/1 **15**-*534,547* PC **A07**/MF **A01**

**SBI-AD-E301-667**

Strain-Path Modeling for Geo-Materials.
AD-A154 378/4 **17**-*538,823* PC **A04**/MF **A01**

**SBI-AD-E301-673**

Study of a Novel Shielding Principle for Protection against Intense Gamma-Ray Beams.
AD-A154 374/3 **17**-*538,923* PC **A04**/MF **A01**

**SBI-AD-E301-677**

Studies in Urban-Scale-Fire Thermohydrodynamics.
AD-A156 065/5 **21**-*548,851* PC **A06**/MF **A01**

**SBI-AD-E301-681**

Plasma Radiation Sources. Quasi-Adiabatic Theory and Numerical Modeling in the Electro-Diffusive Approximation.
AD-A154 375/0 **17**-*539,422* PC **A07**/MF **A01**

**SBI-AD-E301-683**

Soil-Air Interactions during Airblast-Induced Ground Motions.
AD-A154 326/3 **17**-*537,866* PC **A08**/MF **A01**

**SBI-AD-E301-684**

Nitrogen Chemistry in Sea Level Air Following Large Radiation Doses.
AD-A154 376/8 **17**-*538,889* PC **A03**/MF **A01**

**SBI-AD-E301-685**

Comparison of the Electromagnetic Properties of Lightning and EMP (Electromagnetic Pulse) -- Results of Recent Lightning Studies.
AD-A154 325/5 **17**-*537,143* PC **A06**/MF **A01**

**SBI-AD-E301-686**

Use of the California Psychological Inventory and Demographic Data to Predict Attrition from the United States Army Military Police School.
AD-A154 457/6 **17**-*537,351* PC **A03**/MF **A01**

**SBI-AD-E301-693**

Bibliographic Index of Soviet Military Books, 1970-1974.
AD-A156 033/3 **21**-*548,751* PC **A15**/MF **A01**

**SBI-AD-E301-695**

Laser Target Design Scaling for the Upgraded NRL (Naval Research Laboratory) Facility.
AD-A156 030/9 **21**-*548,850* PC **A06**/MF **A01**

**SBI-AD-E301-698**

Role of Finite Parallel Conductivity and Other Classical Processes on the Evolution of High-Altitude Plasmas.
AD-A155 973/1 **21**-*548,849* PC **A07**/MF **A01**

**SBI-AD-E301-701**

Soviet and Chinese Strategic Perceptions in Peacetime and Wartime.
AD-A156 031/7 **21**-*547,372* PC **A09**/MF **A01**

**SBI-AD-E301-706**

Uranium Oxide Gaseous Ion and Neutral Infrared Spectroscopy.
AD-A156 032/5 **21**-*547,745* PC **A04**/MF **A01**

**SBI-AD-E301-712**

Aperture Antenna Effects After Propagation through Strongly Disturbed Random Media.
AD-A155 974/9 **21**-*549,175* PC **A04**/MF **A01**

**SBI-AD-E301-718**

Alternative Coordinate Systems for High Latitude Ionospheric Plasma Studies.
AD-A156 851/8 **22**-*551,077* PC **A04**/MF **A01**

**SBI-AD-E301-719**

Bibliographic Index of Soviet Military Books, 1975-1979.
AD-A156 854/2 **22**-*550,905* PC **A17**/MF **A01**

**SBI-AD-E301-723**

Acoustic Gravity Wave Chemistry Model for the RAY-TRACE Code.
AD-A156 850/0 **22**-*551,076* PC **A03**/MF **A01**

**SBI-AD-E301-730**

Study of the Capabilities of Six Advanced Soil Models to Predict Responses to Complex Strain Paths Typical of Explosively-Induced Ground Motion.
AD-A156 853/4 **22**-*550,163* PC **A06**/MF **A01**

**SBI-AD-E301-731**

High Flux Calorimetry.
AD-A156 852/6 **22**-*550,827* PC **A07**/MF **A01**

**SBI-AD-E301-748**

Brief Investigation of Adaptive Decision Feedback Equalization for Digital HF Links Employing PSK (Phase Shift Keying) Modulation.
AD-A157 809/5 **24**-*556,202* PC **A04**/MF **A01**

**SBI-AD-E301-750**

Evaluation of Alternative Nuclear Employment Policy/Technology. Executive Summary -- Strategy, Technology, and the Threat.
AD-A157 808/7 **24**-*556,192* PC **A02**/MF **A01**

**SBI-AD-E301-765**

Theory Support of Pulsed Power Experiments. Volume 3. E-Beam Chamber Design.
AD-A158 417/6 **25**-*558,732* PC **A03**/MF **A01**

READEX
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**SBI-AD-E401-178**
Structures to Resist the Effects of Accidental Explosions. Volume 3. Principles of Dynamic Analysis.
AD-A148 895/6 **07**-*515,190* PC **A18**/MF **A01**

**SBI-AD-E401-229**
Electro-Optical Cavity Inspection System.
AD-A145 770/4 **01**-*502,014* PC **A02**/MF **A01**

**SBI-AD-E401-235**
User's Guide to the Picatinny HEMP Computer Code.
AD-A146 745/5 **02**-*503,785* PC **A03**/MF **A01**

**SBI-AD-E401-247**
Closed Vessel Combustion of Stick Propellant.
AD-A147 802/3 **04**-*510,144* PC **A03**/MF **A01**

**SBI-AD-E401-258**
Ultrasonic Inspection of Alloyed Tungsten Bars.
AD-A148 900/4 **07**-*515,196* PC **A02**/MF **A01**

**SBI-AD-E401-259**
Distribution of Average Particle Diameters for Three Lots of Nitroguanidine as Measured by the Fisher Sub-Sieve Sizer.
AD-A148 785/9 **06**-*513,907* PC **A03**/MF **A01**

**SBI-AD-E401-262**
Evaluation of Titanium Diboride Gun Tube Coatings.
AD-A148 901/2 **07**-*515,511* PC **A02**/MF **A01**

**SBI-AD-E401-271**
Electromagnetic Braking of a Metallic Projectile in Flight.
AD-A149 424/4 **08**-*517,704* PC **A02**/MF **A01**

**SBI-AD-E401-281**
U.S. Army Electromagnetic Launcher Facility.
AD-A149 847/6 **09**-*519,793* PC **A03**/MF **A01**

**SBI-AD-E401-292**
Comparison of Paper Molding and Slurry Processes for Manufacture of 60-mm M204 and 81-mm M205 Propelling Charge Containers.
AD-A151 530/3 **12**-*527,863* PC **A02**/MF **A01**

**SBI-AD-E401-300**
Minimum Nonpropagation Criteria for Load, Assemble, and Pack (LAP) Facilities for the BLU-97/B Submunition.
AD-A152 131/9 **13**-*530,264* PC **A04**/MF **A01**

**SBI-AD-E401-303**
Metal Armatures for Railguns.
AD-A152 129/3 **13**-*530,263* PC **A03**/MF **A01**

**SBI-AD-E401-305**
Design of Ammunition Gripper for 155-mm Robotic Howitzer.
AD-A152 695/3 **14**-*532,545* PC **A06**/MF **A01**

**SBI-AD-E401-306**
Evaluation of Pyrotechnic Fire Suppression System for Six Pyrotechnic Compositions.
AD-A152 995/7 **15**-*534,701* PC **A04**/MF **A01**

**SBI-AD-E401-312**
Product Improvement Program for the M577 Fuze. Volume 1. Redesigned Timer.
AD-A153 666/3 **16**-*536,691* PC **A05**/MF **A01**

**SBI-AD-E401-313**
Product Improvement Program for the M577 Fuze. Volume 2. Redesigned Escape Wheel and Lever.
AD-A153 667/1 **16**-*536,692* PC **A02**/MF **A01**

**SBI-AD-E401-314**
Product Improvement Program for the M577 Fuze. Volume 3. Redesign of Setting Mechanism.
AD-A153 668/9 **16**-*536,693* PC **A02**/MF **A01**

**SBI-AD-E401-315**
Product Improvement Program for the M577 Fuze. Volume 4. Redesigned Timer Lever Assembly.
AD-A153 669/7 **16**-*536,694* PC **A02**/MF **A01**

**SBI-AD-E401-316**
Product Improvement Program for the M577 Fuze. Volume 6. Lower Cost Trigger Shafts.
AD-A153 671/3 **16**-*536,696* PC **A02**/MF **A01**

**SBI-AD-E401-318**
Product Improvement Program for the M577 Fuze. Volume 5. Combined Safe Separation Device (SSD) Spacer and Plate.
AD-A153 670/5 **16**-*536,695* PC **A02**/MF **A01**

**SBI-AD-E401-323**
Structures to Resist the Effects of Accidental Explosions. Volume 6. Special Considerations in Explosive Facility Design.
AD-A154 275/2 **17**-*538,659* PC **A11**/MF **A01**

**SBI-AD-E401-333**
Design and Testing of a Pulsed Current Transformer.
AD-A154 228/1 **17**-*537,878* PC **A03**/MF **A01**

**SBI-AD-E401-338**
Feasibility of a Microprocessor Controlled Recoil Mechanism for Large Caliber Artillery Weapons.
AD-A155 304/9 **19**-*543,970* PC **A05**/MF **A01**

**SBI-AD-E401-349**
EMACK Railgun Firing Test Report Number 9.
AD-A156 661/1 **22**-*551,232* PC **A03**/MF **A01**

**SBI-AD-E401-350**
TNT Equivalency of EAK Explosive.
AD-A155 737/0 **19**-*543,958* PC **A03**/MF **A01**

**SBI-AD-E401-352**
Automatic Sphericity Interferometer for Testing Lens Radii.
AD-A155 736/2 **19**-*544,035* PC **A02**/MF **A01**

**SBI-AD-E401-358**
Investigation of Damaged Lands of M185 Cannon Mounted on the 155-mm M109A1 Howitzer.
AD-A157 902/8 **24**-*556,579* PC **A07**/MF **A01**

**SBI-AD-E401-371**
Redesign of the M577 Fuze Trigger Assembly.
AD-A157 962/2 **24**-*556,549* PC **A02**/MF **A01**

**SBI-AD-E401-373**
Improvement of Manufacturing Techniques and Quality of Optical Scratch Standards for Fire Control Systems.
AD-A157 963/0 **24**-*556,577* PC **A04**/MF **A01**

**SBI-AD-E440-249**
Simple Fracture Mechanics Based Method for Fatigue Life Prediction in Thick-Walled Cylinders.
AD-A145 978/3 **01**-*502,592* PC **A03**/MF **A01**

**SBI-AD-E440-250**
Bauschinger and Hardening Effects on Residual Stresses in an Autofrettaged Thick-Walled Cylinder.
AD-A145 892/6 **01**-*501,533* PC **A02**/MF **A01**

**SBI-AD-E440-251**
Embrittlement of Gun Steel by Copper.
AD-A145 889/2 **01**-*501,532* PC **A03**/MF **A01**

**SBI-AD-E440-252**
Stress Intensity Factors for a Circular Ring with Uniform Array of Radial Cracks of Unequal Depth.
AD-A145 893/4 **01**-*502,591* PC **A03**/MF **A01**

**SBI-AD-E440-254**
Index to Benet Weapons Laboratory (LCWSL) Technical Reports - 1983.
AD-A145 894/2 **01**-*502,335* PC **A05**/MF **A01**

**SBI-AD-E440-255**
Wide Range Displacement Expressions for Standard Fracture Mechanics Specimens.
AD-A146 566/5 **01**-*502,600* PC **A03**/MF **A01**

**SBI-AD-E440-258**
Electrical Resistivity in Low Resistivity Amorphous Alloys.
AD-A147 830/4 **04**-*510,379* PC **A02**/MF **A01**

**SBI-AD-E440-259**
Application of the Diffraction Model to Amorphous Magnesium Zinc Alloys.
AD-A147 369/3 **03**-*506,418* PC **A02**/MF **A01**

**SBI-AD-E440-260**
Compliance of a Three-Point Bend Specimen at Load Line.
AD-A148 786/7 **06**-*514,230* PC **A02**/MF **A01**

**SBI-AD-E440-261**
Autonomous Navigation for Mobile Robot Vehicles Over Hilly Terrain Using Rangefinding Measurements.
AD-A148 787/5 **06**-*513,988* PC **A03**/MF **A01**

**SBI-AD-E440-264**
Stress Corrosion Cracking Behavior of Tungsten Heavy Alloys.
AD-A149 843/5 **09**-*519,378* PC **A08**/MF **A01**

**SBI-AD-E440-265**
Tekedit - An Enhanced Editor for Direct View Storage Tube (DVST) Graphics Display Devices.
AD-A149 715/5 **09**-*519,088* PC **A02**/MF **A01**

**SBI-AD-E440-266**
Stress Concentration due to Axial Tension of Loaded Non-symmetric-Shaped Grooves.
AD-A149 425/1 **08**-*518,138* PC **A03**/MF **A01**

**SBI-AD-E440-267**
Second Variations for the Stress Wave Problem Using the Euler-Lagrange and Adjoint Formulations.
AD-A149 716/3 **09**-*520,678* PC **A03**/MF **A01**

**SBI-AD-E440-268**
Secondary Waves from Nozzle Blast.
AD-A149 426/9 **08**-*517,720* PC **A03**/MF **A01**

**SBI-AD-E440-270**
Characterization of Bore Surface Layers in Gun Barrels.
AD-A151 424/9 **12**-*527,890* PC **A03**/MF **A01**

**SBI-AD-E440-272**
Electrical Resistivity in Amorphous Metals: Consequences of Phonon Ineffectiveness in the Diffraction Model.
AD-A152 130/1 **13**-*530,539* PC **A04**/MF **A01**

**SBI-AD-E440-273**
Thermal Expansion Effects in Electrical Transport in Amorphous Metals.
AD-A152 477/6 **14**-*531,850* PC **A03**/MF **A01**

**SBI-AD-E440-274**
Cyclic Torsion of a Circular Cylinder and Its Residual Stress Distribution.
AD-A153 347/0 **15**-*535,084* PC **A03**/MF **A01**

**SBI-AD-E440-275**
Solid Metal Induced Embrittlement of Metals.
AD-A152 732/4 **14**-*531,852* PC **A03**/MF **A01**

**SBI-AD-E440-276**
More Accurate Solution to the Elastic-Plastic Problem of Pressurized Thick-Walled Cylinders.
AD-A153 151/6 **15**-*535,080* PC **A02**/MF **A01**

**SBI-AD-E440-280**
Shear Deflection in a Three-Point Bend Beam of a Solid Circular Cross-Section.
AD-A154 458/4 **17**-*539,452* PC **A02**/MF **A01**

**SBI-AD-E440-281**
Stress Concentration in the Elastoplastic State and Residual Stress After Unloading.
AD-A155 628/1 **19**-*544,252* PC **A03**/MF **A01**

**SBI-AD-E440-282**
Autonomous Detection of Objects from Range Data Measurements.
AD-A155 301/5 **19**-*543,783* PC **A02**/MF **A01**

**SBI-AD-E440-283**
Wear of Projectile Rotating Bands.
AD-A156 666/0 **22**-*551,218* PC **A03**/MF **A01**

**SBI-AD-E440-284**
Fracture Testing with Arc Bend Specimens.
AD-A156 172/9 **21**-*549,142* PC **A03**/MF **A01**

**SBI-AD-E440-285**
Fracture in Liquid Metal Environments.
AD-A155 629/9 **19**-*543,212* PC **A04**/MF **A01**

**SBI-AD-E440-286**
More on Compliance of the Three-Point Bend Specimen.
AD-A156 665/2 **22**-*551,745* PC **A02**/MF **A01**

**SBI-AD-E440-287**
Mesh Moving Technique for Time Dependent Partial Differential Equations in Two Space Dimensions.
AD-A156 663/7 **22**-*550,509* PC **A03**/MF **A01**

**SBI-AD-E440-288**
Stress Intensity Factors at Radial Cracks of Unequal Depth in Partially Autofrettaged, Pressurized Cylinders.
AD-A157 866/5 **24**-*556,967* PC **A03**/MF **A01**

**SBI-AD-E440-289**
New Powder Technologies for Molybdenum Alloy Gun Barrel Liners.
AD-A158 315/2 **25**-*559,375* PC **A03**/MF **A01**

**SBI-AD-E440-290**
Variational Principle for Penetrator Dynamics Using Bilinear Functional and Adjoint Formulation.
AD-A157 964/8 **24**-*556,565* PC **A02**/MF **A01**

**SBI-AD-E440-291**
Dynamic Response in an Elastic-Plastic Projectile Due to Normal Impact.
AD-A157 901/0 **24**-*556,564* PC **A03**/MF **A01**

**SBI-AD-E440-293**
Index to Benet Weapons Laboratory (LCWSL) Technical Reports - 1984.
AD-A158 022/4 **24**-*556,580* PC **A05**/MF **A01**

**SBI-AD-E450-012**
Biodegradation of Nitrate Esters Used as Military Propellants - a Status Report.
AD-A149 665/2 **09**-*520,160* PC **A03**/MF **A01**

**SBI-AD-E500-680**
Evaluation of the DEIMS (Defense Economic Impact Modeling System) System.
AD-A146 090/6 **01**-*500,281* PC **A06**/MF **A01**

**SBI-AD-E500-681**
Continuing Issues (FY 1983) Concerning Military Use of the Space Transportation System.
AD-A146 091/4 **01**-*502,759* PC **A06**/MF **A01**

**SBI-AD-E500-683**
Estimating the Cost Growth of Weapon Systems.
AD-A147 297/6 **03**-*506,849* PC **A05**/MF **A01**

**SBI-AD-E500-686**
Concept Paper for the Development of a DoD Ada (Trademark) Software Engineering Education and Training Plan.
AD-A148 774/3 **06**-*513,428* PC **A03**/MF **A01**

**SBI-AD-E500-690**
Ada (Trademark) Joint Program Office Objectives and Progress -- through 1983.
AD-A149 436/8 **08**-*516,603* PC **A04**/MF **A01**

**SBI-AD-E500-694**
Computer Abuse and Misuse: An Assessment of Federal and State Legislative Initiatives.
AD-A149 876/5 **09**-*519,096* PC **A08**/MF **A01**

**SBI-AD-E500-697**
Chemical Warfare Study: Summary Report
AD-A151 560/0 **12**-*527,519* PC **A02**/MF **A01**

**SBI-AD-E500-700**
Cost-Estimating Relationships for Tactical Combat Aircraft.
AD-A151 575/8 **12**-*525,883* PC **A03**/MF **A01**

**SBI-AD-E500-705**
Presentations at the Tri-Service Cloud Modeling Workshop (2nd), Held at the Naval Surface Weapons Center, White Oak, Maryland, 26-27 June 1984. Volume 1.
AD-A152 735/7 **14**-*530,928* PC **A99**/MF **A01**

**SBI-AD-E500-709**
Protocols and Security in the WWMCCS (Worldwide Military Command and Control System) Information System (WIS).
AD-A152 996/5 **15**-*534,484* PC **A07**/MF **A01**

**SBI-AD-E500-710**
Implications of Present Knowledge and Past Experience for a Possible Future Chemical/Conventional Conflict.
AD-A153 656/4 **16**-*536,429* PC **A09**/MF **A01**

**SBI-AD-E500-712**
Cost Estimating Relationships for Air and Sealift Mobility Forces.
AD-A153 657/2 **16**-*536,440* PC **A03**/MF **A01**

**SBI-AD-E500-717**
Improving the Forecasting Precision of Defense Logistics Agency Production Lead Times: A Feasibility Study.
AD-A155 303/1 **19**-*543,742* PC **A10**/MF **A01**

**SBI-AD-E500-720**
Report of the Ad Hoc Committee to Review the Program of the SDI Directorate on Innovative Science and Technology (IST).
AD-A156 668/6 **22**-*550,870* PC **A02**/MF **A01**

**SBI-AD-E500-721**
Ada (Trademark) Programming Support Environment (APSE) Evaluation and Validation (E&V) Workshop Report Held at Airlie, Virginia on 2-6 April 1984.
AD-A156 667/8 **22**-*550,198* MF **A01**

**SBI-AD-E500-722**
Minutes of Workshop on Composite Materials Test Methods Held at the Institute for Defense Analyses on February 27, 1985.
AD-A157 903/6 **24**-*555,719* PC **A08**/MF **A01**

**SBI-AD-E500-724**
Small Turbine Technology Review.
AD-A158 514/0 **25**-*559,962* PC **A05**/MF **A01**

**SBI-AD-E700-009**
Vintage Study 1984. Department of the Army Industrial Plant Equipment (IPE).
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**SBI-AD-E700-010**
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AD-A151 291/2 **12**-*527,623* PC **A02**/MF **A01**

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AD-A151 290/4 **12**-*527,622* PC **A05**/MF **A01**

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AD-A149 116/6 **08**-*517,350* PC **A05**/MF **A01**

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Imphal-Kohima: Encirclement, 8 March-22 June 1944.
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**SBI-AD-E751-184**
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AD-A155 305/6 **19**-*543,751* PC **A02**/MF **A01**

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Polarization Scattering Matrices for Polarimetric Radar.
AD-A147 373/5 **03**-*506,915* PC **A03**/MF **A01**

**SBI-AD-E950-594**
Conflicting Recruitment Policies. Veteran's Readjustment Program vs Equal Employment Opportunity for White Females.
AD-A147 372/7 **03**-*505,545* PC **A03**/MF **A01**

**SBI-AD-E950-598**
Interrelationship of Atmospheric Parameters in Honduras.
AD-A147 371/9 **03**-*505,410* PC **A03**/MF **A01**

**SBI-AD-E950-601**
Missile System Simulation at the Advanced Simulation Center.
AD-A147 829/6 **04**-*509,912* PC **A03**/MF **A01**

**SBI-AD-E950-602**
Computer Program for the Performance Analysis of Scarfed Nozzles.
AD-A147 370/1 **03**-*507,860* PC **A17**/MF **A01**

**SBI-AD-E950-608**
Data Base Support for SIO (System Integration Office).
AD-A147 487/3 **03**-*506,091* PC **A03**/MF **A01**

**SBI-AD-E950-610**
Pulsed Electric Discharge Laser Technology. Electron Beam Window Foil Material.
AD-A147 488/1 **03**-*507,324* PC **A06**/MF **A01**

**SBI-AD-E950-628**
Effects of the Veteran's Readjustment Program in Recruiting Black Females at the US Army Missile Command.
AD-A147 831/2 **04**-*508,245* PC **A03**/MF **A01**

**SBI-AD-E950-640**
Missile Dynamics Equations for Guidance and Control Modeling and Analysis.
AD-A151 529/5 **12**-*527,636* PC **A03**/MF **A01**

**SBI-AD-E950-650**
Near Field/Far Field (NF/FF) Energy Loss in Electric Discharge Lasers (EDL's): A Mode-Medium Interaction.
AD-A150 299/6 **10**-*522,964* PC **A02**/MF **A01**

**SBI-AD-E950-655**
Characterization Standards for Solid Propellant Rocket Motors.
AD-A150 250/9 **10**-*523,196* PC **A06**/MF **A01**

**SBI-AD-E950-657**
Acousto-Optically Addressed Fourier Transform Matched Filters.
AD-A150 298/8 **10**-*521,933* PC **A02**/MF **A01**

**SBI-AD-E950-661**
Rayleigh Criteria Resolution of Optical Correlations.
AD-A151 711/9 **13**-*529,961* PC **A02**/MF **A01**

**SBI-AD-E950-674**
UTM (Universal Transverse Mercator) Determinations from Geographical Data.
AD-A152 293/7 **14**-*531,549* PC **A02**/MF **A01**

**SBI-AD-E950-682**
Applications of Modern Spectral Estimation Techniques to Radar Data.
AD-A153 460/1 **16**-*536,543* MF **A01**

**SBI-AD-E950-699**
Effectiveness of a Centralized College Recruitment Program in Attracting Engineers into the Work Force at the U.S. Army Missile Command.
AD-A154 664/7 **18**-*539,924* PC **A02**/MF **A01**

**SBI-AD-E950-701**
Evaluation of the Collins/Rockwell and the Singer Kearfott Multifunction Sensors.
AD-A157 010/0 **22**-*550,947* PC **A06**/MF **A01**

**SBI-AD-E950-702**
Survey of Wind and Turbulence Modeling Methods.
AD-A154 470/9 **17**-*539,254* PC **A05**/MF **A01**

**SBI-AD-E950-711**
Further Results for Application of Disturbance Minimization Control Techniques to a Linear, Time-Invariant, Second-Order State Set-Point Regulator Problem.
AD-A157 793/1 **24**-*555,816* PC **A04**/MF **A01**

**SBI-AD-E950-713**
Actuator Rigging Test Set Electromagnetic Interference Test (CE03).
AD-A155 819/6 **21**-*547,990* PC **A03**/MF **A01**

**SBI-AD-E950-723**
Concept of Laser Locator Systems (Based on the Geometry of the Triangular Corner Cube Reflector).
AD-A157 795/6 **24**-*556,217* PC **A05**/MF **A01**

**SBI-AD-E950-724**
Utilization of Centralized College Recruitment in Attracting Black Engineers into the Work Force at the U.S. Army Missile Command.
AD-A157 009/2 **22**-*549,470* PC **A02**/MF **A01**

**SBI-AD-E950-731**
Real Time Large Memory Optical Pattern Recognition.
AD-A158 023/2 **24**-*555,503* PC **A06**/MF **A01**

**SBI-AD-E400374**
Derivation of the Kinematic Properties of the Pin Pallet Runaway Escapement.
AD-B042 565/2 **10**-*522,895* PC **A04**/MF **A01**

**SBI-AD-E400384**
Fuze Gear-Train Analysis.
AD-B043 539/6 **10**-*522,896* PC **A21**/MF **A01**

**SBI-AD-E400823**
Adhesive Bonding of Oily Steel: Shear Strength Studies.
AD-B064 672/9 **14**-*531,816* PC **A03**/MF **A01**

**SBI-AD-E401041**
Corrosion Susceptibilities of Magnesium Alloys AZ91, EZ33 and ZE41.
AD-B075 280/8 **14**-*531,853* PC **A03**/MF **A01**

**SBI-AD-E750136**
Coalition Warfare during the Allied Intervention in North Russia, 1918-1919.
AD-B061 168/1 **21**-*548,764* PC **A06**/MF **A01**

**SBI-AD-E751003**
America's Siberian Expedition 1918 - 1920.
AD-B063 276/0 **21**-*548,765* PC **A02**/MF **A01**

**SBI-AD-E751015**
Soviet Surrogates in the Middle East.
AD-B064 182/9 **15**-*533,076* PC **A02**/MF **A01**

**SBI-AD-E900261**
Calibration of a Super Small-Scale Cookoff Bomb (SSCB) for Predicting Severity of the Cookoff Reaction.
AD-B077 306/9 **19**-*543,960* PC **A04**/MF **A01**

**SBI-AD-F300-449**
Organic Substitutes for Charcoal in 'Black Powder' Type Pyrotechnic Formulations.
AD-A149 312/1 **08**-*517,703* PC **A03**/MF **A01**

**SBI-AD-F300-455**
Competition between Tube Heating and Muzzle Velocity in Stick Propellant Gun Charges.
AD-A149 311/3 **08**-*517,718* PC **A03**/MF **A01**

**SBI-AD-F300-457**
Numerical Modeling of Projectile Impact Shock Initiation of Bare and Covered Composition-B.
AD-A149 309/7 **08**-*517,717* PC **A03**/MF **A01**

**SBI-AD-F300-465**
Liquid Payload Moment Equations.
AD-A145 977/5 **01**-*502,329* PC **A04**/MF **A01**

**SBI-AD-F300-466**
Instrumentation Techniques for Measuring Large, High Rate Strains with Foil Resistance Strain Gages.
AD-A146 248/0 **01**-*501,947* PC **A04**/MF **A01**

**SBI-AD-F300-470**
Radio Telemetry Formula Applications. A Practical Users Guide.
AD-A146 247/2 **01**-*502,079* PC **A03**/MF **A01**

**SBI-AD-F300-471**
Thrust Characterization of Very High Burning Rate Propellants.
AD-A145 891/8 **01**-*502,309* PC **A04**/MF **A01**

**SBI-AD-F300-472**
Propellant Gas Flow during Shot Ejection.
AD-A145 890/0 **01**-*502,328* PC **A03**/MF **A01**

**SBI-AD-F300-474**
IMX Double Direct Process.
AD-A146 250/6 **01**-*502,312* PC **A04**/MF **A01**

**SBI-AD-F300-475**
Critical Analysis of Nitramine Decomposition Data. Preliminary Comments on Autoacceleration and Autoinhibition in HMX and RDX Decomposition.
AD-A146 570/7 **01**-*502,317* PC **A03**/MF **A01**

**SBI-AD-F300-476**
Introduction to Fuzzy Regression Analysis with a Ballistic Application.
AD-A146 093/0 **01**-*502,330* PC **A02**/MF **A01**

**SBI-AD-F300-477**
Raman and Fluorescence Spectroscopy in a Methane-Nitrous Oxide Laminar Flame.
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**SBI-AD-F300-478**
Study of the Critical Layer in a Rotating Liquid Payload.
AD-A146 094/8 **01**-*502,331* PC **A03**/MF **A01**

**SBI-AD-F300-479**
Acceptance Testing of the Model 2023 Hot Wire Detonator.
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**SBI-AD-F300-481**
Computational Study of Inbore and Inflight Heating for the 105MM, M774 Projectile Modified Swept Fin.
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**SBI-AD-F300-483**
Intercomparison between FRG and US Thermodynamic Codes.
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**SBI-AD-F300-485**
Characterization of Jet-Contaminant Interaction Flow in Chemical Decontamination.
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**SBI-AD-F300-486**
Projectile Foundation Moment Generation. Phase II.
AD-A147 368/5 **03**-*507,234* PC **A03**/MF **A01**

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AD-A147 500/3 **03**-*506,847* PC **A07**/MF **A01**

**SBI-AD-F300-490**
Detailed Characterization of the Interior Ballistics of Slotted Stick Propellant.
AD-A147 499/8 **03**-*507,245* PC **A03**/MF **A01**

**SBI-AD-F300-491**
Nonlinear Waves in a Rod. Results for Incompressible Elastic Materials.
AD-A147 485/7 **03**-*507,737* PC **A03**/MF **A01**

**SBI-AD-F300-493**
Introduction to the Use of the Army Unit Resiliency Analysis (AURA) Methodology. Volume 1.
AD-A149 310/5 **08**-*517,354* PC **A11**/MF **A01**

**SBI-AD-F300-494**
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**SBI-AD-F300-497**
Volume Averaged Two-Phase (Gas Solid) Interior Ballistics Equations.
AD-A147 489/9 **03**-*507,244* PC **A06**/MF **A01**

**SBI-AD-F300-498**
Launch Dynamics of APFSDS (Armor Piercing, Fin-Stabilized, Discarding Sabot) Ammunition.
AD-A147 374/3 **03**-*507,235* PC **A04**/MF **A01**

**SBI-AD-F300-500**
Averaging Effects in Models of Three-Dimensional Two-Phase Flows.
AD-A149 313/9 **08**-*517,719* PC **A05**/MF **A01**

**SBI-AD-F300-501**
Evaluation of Black Powder Produced by Indiana Army Ammunition Plant.
AD-A147 801/5 **04**-*510,143* PC **A03**/MF **A01**

**SBI-AD-F300-503**
Solid Modeling at the US Army Ballistic Research Laboratory.
AD-A147 491/5 **03**-*506,092* PC **A03**/MF **A01**

**SBI-AD-F300-504**
Virial Equation of State Option for the TIGER Computer Program.
AD-A147 490/7 **03**-*505,844* PC **A04**/MF **A01**

**SBI-AD-F300-505**
Shock Tube Powder Dispersal Unit.
AD-A147 874/2 **04**-*510,153* PC **A02**/MF **A01**

**SBI-AD-F300-510**
Numerical Computation of Base Flow for a Missile in the Presence of a Centered Jet.
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**SBI-AD-F300-512**
Multiphoton Photochemical and Collisional Effects during Oxygen Atom Flame Detection.
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**SBI-AD-F300-513**
Van Leer Shock Capturing Algorithm for the Euler Equations.
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**SBI-AD-F300-517**
Solid Geometric Modeling - The Key to Improved Materiel Acquisition from Concept to Deployment.
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**SBI-AD-F300-518**
Effects of Perforation L/D Ratio and Slotting on Stick Propellant Combustion.
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**SBI-AD-F300-519**
Design of an Optical Closed Bomb (OCB).
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**SBI-AD-F300-520**
Acceleration Measurements in High G Environments.
AD-A148 896/4 **07**-*515,506* PC **A03**/MF **A01**

**SBI-AD-F300-523**
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AD-A148 897/2 **07**-*515,491* PC **A02**/MF **A01**

**SBI-AD-F300-524**
Projectile Motion in a Flexible Gun Tube.
AD-A149 022/6 **07**-*515,507* PC **A05**/MF **A01**

**SBI-AD-F300-525**
Hypothetical Zero Yaw Drag Trajectory of Spinning Projectiles between M = 5 and M = 10.
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**SBI-AD-F300-533**
Computer Description of the M561 Utility Truck.
AD-A149 393/1 **08**-*517,715* PC **A05**/MF **A01**

**SBI-AD-F300-534**
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**SBI-AD-F300-539**
Parallelized Point Successive Over-Relaxation Method on a Multiple Instruction Multiple Data Stream Computer.
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**SBI-AD-F300-541**
Review of Hazard Assessment Procedures for Liquid Gun Propellants.
AD-A149 470/7 **08**-*517,707* PC **A05**/MF **A01**

**SBI-AD-F300-542**

Study of Shaped-Charge Collapse and Jet Formation Using the HEMP (Hydrodynamic, Elastic, Magneto, and Plastic) Code and a Comparison with Experimental Observations.

AD-A149 472/3 **08**-*517,721* PC **A06**/MF **A01**

**SBI-AD-F300-543**

Survey of Nondestructive Methods for Evaluating Derailed Tank Cars.

AD-A150 249/1 **10**-*522,365* PC **A05**/MF **A01**

**SBI-AD-F300-546**

Overall Reaction Concept in Premixed, Laminar, Steady-State Flames. II. Initial Temperatures and Pressures.

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**SBI-AD-F300-548**

Application of Suppressive Shielding and Antifratricide Technologies to the Transportation of M55 Rockets.

AD-A149 422/8 **08**-*517,729* PC **A02**/MF **A01**

**SBI-AD-F300-549**

Orthogonal Grid Technique for Studying Internal Deformation and Energy Absorption in Target Penetration.

AD-A149 989/6 **09**-*520,172* PC **A03**/MF **A01**

**SBI-AD-F300-551**

Solution Method for Large Deformation Contact Problems.

AD-A149 842/7 **09**-*519,061* PC **A04**/MF **A01**

**SBI-AD-F300-554**

Solution Method for Nonlinear Dynamic Analysis of Shell Structures.

AD-A149 846/8 **09**-*519,775* PC **A04**/MF **A01**

**SBI-AD-F300-555**

Advanced Flash Suppression Network Involving Alkali Salts.

AD-A149 988/8 **09**-*520,171* PC **A03**/MF **A01**

**SBI-AD-F300-556**

Side Moment Exerted by a Two-Component Liquid Payload on a Spinning Projectile.

AD-A149 845/0 **09**-*520,161* PC **A04**/MF **A01**

**SBI-AD-F300-557**

Critical P2T Value Computation for Explosives Using the Shear Band Initiation Model.

AD-A149 990/4 **09**-*520,162* PC **A02**/MF **A01**

**SBI-AD-F300-559**

Fire Support Team Experiment.

AD-A150 297/0 **10**-*522,909* PC **A05**/MF **A01**

**SBI-AD-F300-561**

Comparison of the Outputs of the Norden Battery C3 (Command, Control, and Communications) Model and the Ballistic Research Laboratory Message Processing Model.

AD-A150 281/4 **10**-*522,908* PC **A04**/MF **A01**

**SBI-AD-F300-562**

Liquid Moment on a Filled Coning Cylinder during Spin-Up: Ad Hoc Model.

AD-A150 280/6 **10**-*522,893* PC **A04**/MF **A01**

**SBI-AD-F300-568**

Comprehensive Review of Black Powder.

AD-A150 455/4 **10**-*522,894* PC **A03**/MF **A01**

**SBI-AD-F300-577**

Models of Explosively Driven Metal.

AD-A151 942/0 **13**-*530,279* PC **A04**/MF **A01**

**SBI-AD-F300-579**

Physical Response of Flat Steel Plates to Drop Hammer Impacts.

AD-A151 561/8 **12**-*527,384* PC **A05**/MF **A01**

**SBI-AD-F300-581**

Human Engineering of Laboratory Data Acquisition and Control Systems.

AD-A151 576/6 **12**-*526,127* PC **A03**/MF **A01**

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Design of a Mobile Combustion Diagnostic Fixture (MCDF).

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**SBI-AD-F300-585**

Combinatorial Geometry Computer Description of the M9 ACE (Armored Combat Earthmover) Vehicle

AD-A151 816/6 **13**-*530,277* PC **A06**/MF **A01**

**SBI-AD-F300-586**

Determination of Heat Transfer Coefficient in a Gun Barrel from Experimental Data.

AD-A151 815/8 **13**-*530,278* PC **A05**/MF **A01**

**SBI-AD-F300-587**

Fiber Reinforcement of Gun Propellant.

AD-A152 296/0 **14**-*532,540* PC **A03**/MF **A01**

**SBI-AD-F300-588**

Review of Safety Practices and Safety Training for the Explosives Field.

AD-A152 295/2 **14**-*532,539* PC **A06**/MF **A01**

**SBI-AD-F300-591**

Numerical Resolution Calculation for Elastic-Plastic Impact Problems.

AD-A152 292/9 **14**-*532,547* PC **A04**/MF **A01**

**SBI-AD-F300-592**

Investigation of Several Low-Lying Levels of X Doublet Pi State of NCO Using Argon Laser Excited Fluorescence.

AD-A153 693/7 **16**-*536,951* PC **A03**/MF **A01**

**SBI-AD-F300-593**

Detonation Velocity Measurements of the Explosives Detasheet C and Amatol.

AD-A152 298/6 **14**-*532,548* PC **A02**/MF **A01**

**SBI-AD-F300-595**

Rarefaction Wave Eliminator Concepts For A Large Blast/Thermal Simulator.

AD-A153 073/2 **15**-*534,718* PC **A04**/MF **A01**

**SBI-AD-F300-596**

Temporary Tank Ammunition Storage Facility.

AD-A152 696/1 **14**-*532,550* PC **A07**/MF **A01**

**SBI-AD-F300-597**

Multizone Modular Artillery Propelling Charge Studies.

AD-A152 654/0 **14**-*532,544* PC **A06**/MF **A01**

**SBI-AD-F300-598**

Measurement of Franck-Condon Factors for the v' = 0 Progression in the B-X System of PO.

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**SBI-AD-F300-599**

Navier-Stokes Computational Study of Axisymmetric Transonic Turbulent Flows with a Two-Equation Model of Turbulence.

AD-A152 653/2 **14**-*532,549* PC **A06**/MF **A01**

**SBI-AD-F300-600**

Photochemical Ignition Studies. I. Laser Ignition of Flowing Premixed Gases.

AD-A153 048/4 **15**-*533,647* PC **A03**/MF **A01**

**SBI-AD-F300-601**

Target: A Model for Determining Hits on an Irregularly Shaped Target.

AD-A153 049/2 **15**-*534,716* PC **A02**/MF **A01**

**SBI-AD-F300-602**

Liquid Propellants for Use in Guns - A Review.

AD-A153 051/8 **15**-*534,702* PC **A03**/MF **A01**

**SBI-AD-F300-603**

Computational Blast Valve Study.

AD-A153 050/0 **15**-*534,717* PC **A03**/MF **A01**

**SBI-AD-F300-604**

New Interaction Algorithm with Erosion for EPIC-3.

AD-A153 654/9 **16**-*536,700* PC **A04**/MF **A01**

**SBI-AD-F300-606**

Evaluation of Colorimetric Analysis for Chemical Agent Resistant Coating (CARC) Testing.

AD-A153 653/1 **16**-*535,820* PC **A04**/MF **A01**

**SBI-AD-F300-607**

Rack for Temporary Storage of 105 mm HEAT Ammunition.

AD-A154 274/5 **17**-*539,230* PC **A02**/MF **A01**

**SBI-AD-F300-609**

Theoretical Study of the Propagation of a Mass Detonation.

AD-A153 655/6 **16**-*536,701* PC **A03**/MF **A01**

**SBI-AD-F300-611**

Initiation and Growth of Adiabatic Shear Bands.

AD-A154 459/2 **17**-*539,453* PC **A03**/MF **A01**

**SBI-AD-F300-613**

BLAF: A Blast Field Reconstruction Program from Pressure Histories.

AD-A155 300/7 **19**-*543,965* PC **A11**/MF **A01**

**SBI-AD-F300-614**

Theoretical Modeling of Laser Induced Optical Degradation.

AD-A155 302/3 **19**-*544,031* PC **A06**/MF **A01**

**SBI-AD-F300-619**

Closed-Bomb Combustion of Hivelite-Based, Very High Burn Rate (VHBR) Propellant.

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**SBI-AD-F300-620**

Imbedded Thermocouples as a Solid Propellant Combustion Probe.

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**SBI-AD-F350-016**

MC TRICOMP User's Guide.

AD-A154 339/6 **17**-*537,926* PC **A04**/MF **A01**

**SBI-AD-F350-019**

Algorithm for the Influence Numbers in the Expansion of the Lumped Gravitational Potential Coefficients in the Presence of Resonant Inclination Variation.

AD-A154 229/9 **17**-*539,640* PC **A03**/MF **A01**

**SBI-AD-F350-020**

Consummative Expressions for Satellite Drag Perturbations in a Spherically Symmetrical Atmosphere.

AD-A154 230/7 **17**-*539,629* PC **A02**/MF **A01**

**SBI-AD-F350-021**

BP (Basic Processor) TRICOMP User's Guide.

AD-A154 340/4 **17**-*537,927* PC **A05**/MF **A01**

**SBI-AD-F350-022**

VAX TRICOMP User's Guide.

AD-A154 341/2 **17**-*537,928* PC **A04**/MF **A01**

**SBI-AD-F350-035**

Differential Correction of Orbits by Kepler versus Cartesian Parameters.

AD-A157 868/1 **24**-*557,206* PC **A02**/MF **A01**

**SBI-AD-F350-036**

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Power Series Solutions for Slowly Rotating Polytropes Using the Method of Frobenius.

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Mass Memory Storage Devices for AN/SLQ-32(V).

AD-A158 515/7 **25**-*558,164* PC **A08**/MF **A01**

**SBI-AD-F350-044**

General Perturbation Satellite Theory.

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Wartime Automation Requirements for Maintenance.

AD-A158 086/9 **24**-*554,579* PC **A06**/MF **A01**

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Development of a Computer-Based Tactical Training System.

AD-A149 713/0 **09**-*518,554* PC **A02**/MF **A01**

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Local Purchase Support for Overseas Activities,

AD-A153 697/8 **16**-*536,443* PC **A05**/MF **A01**

**SBI-AD-F630-627**

Effect of Stresses and Challenges on 'A' School Students' Performance and Commitment.

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**SBI-AD-F630-628**

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PB85-179869 **15**-*534,190* PC **A05**/MF **A01**

**SCS/ENG/TR-60-2**

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PB85-243681 **26**-*561,082* PC **A04**/MF **A01**

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PB85-175578 **14**-*530,836* PC **A02**/MF **A01**

**SCS/ENG/TR-67**

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PB85-181576 **14**-*532,248* PC **A05**/MF **A01**

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Seismic Analysis of Risers.
PB85-174241 **14**-*532,049* PC **A05**/MF **A01**

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Millimeter Wave Antenna Technology.
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**SD-TR-84-53**

Carbon Vaporization/Condensation Effects.
AD-A149 475/6 **08**-*516,386* PC **A05**/MF **A01**

**SD-TR-84-54**

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AD-A152 320/8 **14**-*530,894* PC **A03**/MF **A01**

**SD-TR-85-07**

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**SD-TR-85-15**

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Silvered Polymer Reflectors.
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Simplification of the Lumen Input Method for Predicting Daylight in Buildings.
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**SERP-E-102**
Multiple Coulomb Scattering of 7.3 and 11.7 GeV/C Muons on Cu Target.
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Inclusive Charged Hadron Spectra in nu A and Approximately nu A Interactions at Esub(Approximately nu ) < = 30 GeV.
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**SFB-80/T/216**
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**SFB-80/T/223**
Theoretical Investigation of Particle-Charged Laminar and Turbulent Flows.
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Transport and Sedimentation of Organic Materials in Waste Water Basins.
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**SFRC-85/01**
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**SGR-66**

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**SGR-68**

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**SGR-69**

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**SGR-72**

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**SGR-73**

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**SKBF-KBS-TR-84-05**
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**SLAC-CN-279**
Design of a Matched Fast Kicker System.
DE85004890 **09**-*520,294* PC **A02**/MF **A01**

**SLAC-CN-280**
Using Television Cameras to Measure Emittance.
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**SLAC-CN-281**
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**SLAC-CN-282**
Notes on the RF System for the SLC Positron Source.
DE85002628 **07**-*515,558* PC **A02**/MF **A01**

**SLAC-CN-283**
SLC (Stanford Linear Collider) Positron Damping Ring Optics Design.
DE85007711 **13**-*530,373* PC **A03**/MF **A01**

**SLAC-CN-284**
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DE85005658 **12**-*527,970* PC **A02**/MF **A01**

**SLAC-CN-285**
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DE85007080 **12**-*527,978* PC **A02**/MF **A01**

**SLAC-CN-286**
Notes on the IMACON 500 Streak Camera System.
DE85006743 **13**-*529,858* PC **A02**/MF **A01**

**SLAC-CN-287**
Focusing Upgrade for Sectors 11 Through 19.
DE85007738 **13**-*530,375* PC **A02**/MF **A01**

**SLAC-CN-288**
Temperature Rise and Gradient of SLC Positron Accelerating Section and Way to Reduce Their Effects on Positron Dynamics.
DE85007739 **13**-*530,376* PC **A02**/MF **A01**

**SLAC-CN-289**
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DE85008869 **14**-*532,619* PC **A02**/MF **A01**

**SLAC-CN-290**
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DE85009843 **17**-*539,367* PC **A02**/MF **A01**

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DE85008856 **17**-*539,362* PC **A02**/MF **A01**

**SLAC-CN-292**
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DE85011704 **19**-*544,113* PC **A02**/MF **A01**

**SLAC-CN-293**
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DE85009844 **17**-*539,368* PC **A02**/MF **A01**

**SLAC-CN-294**
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DE85011212 **18**-*541,731* PC **A02**/MF **A01**

**SLAC-CN-296**
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DE85011705 **20**-*546,537* PC **A02**/MF **A01**

**SLAC-CN-298**
Eta in the Linac.
DE85011706 **22**-*551,342* PC **A02**/MF **A01**

**SLAC-CN-299**
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DE85012006 **22**-*551,348* PC **A02**/MF **A01**

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DE85015136 **24**-*556,734* PC **A02**/MF **A01**

**SLAC-CN-302**
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DE85015137 **24**-*556,735* PC **A02**/MF **A01**

**SLAC-CN-303**
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DE85014285 **22**-*551,479* PC **A02**/MF **A01**

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Importance of High Order Momentum Terms in SLC Optics.
DE85016249 **25**-*559,474* PC **A02**/MF **A01**

**SLAC-CN-305**
Disruption Angles.
DE85015138 **24**-*556,736* PC **A02**/MF **A01**

**SLAC-CN-306**
Increasing the Energy of SLC by Transient Wake Field.
DE85015605 **25**-*559,465* PC **A02**/MF **A01**

**SLAC-PUB-3262**
Mark III Results from SPEAR.
DE84005326 **02**-*504,949* PC **A02**/MF **A01**

**SLAC-PUB-3290**
Constructing a Bit String Universe. Progress Report.
DE85006317 **14**-*532,683* PC **A02**/MF **A01**

**SLAC-PUB-3332**
3081/E Processor.
DE84012513 **02**-*504,959* PC **A02**/MF **A01**

**SLAC-PUB-3373**
Axions in Astrophysics and Cosmology.
DE85002720 **09**-*520,471* PC **A02**/MF **A01**

**SLAC-PUB-3377**
Review of Trigger and on-Line Processors at SLAC (Stanford Linear Accelerator Center).
DE84016457 **02**-*504,920* PC **A02**

**SLAC-PUB-3378**
Surface Studies of Nb, Its Compounds, and Coatings.
DE84017353 **03**-*507,752* PC **A03**/MF **A01**

**SLAC-PUB-3381**
First- and Second-Order Charged Particle Optics.
DE85006310 **11**-*525,422* PC **A03**/MF **A01**

**SLAC-PUB-3386**
Galaxy and Cluster Formation in a Universe Dominated by Cold Dark Matter.
DE84015879 **02**-*502,858* PC **A02**/MF **A01**

**SLAC-PUB-3387**
Dark Matter, Galaxies, and Large Scale Structure in the Universe.
DE85008053 **13**-*528,391* PC **A05**/MF **A01**

**SLAC-PUB-3396**
Multimode Harmonic Power Measurement of 40 MW Pulsed S-Band Klystrons.
DE85001560 **04**-*509,060* PC **A02**/MF **A01**

**SLAC-PUB-3401**
Parity and Time-Reversal Non-Conservation in Atoms.
DE84016924 **02**-*503,561* PC **A02**/MF **A01**

**SLAC-PUB-3405**
Hypermultiplet Couplings in N = 2 Supergravity.
DE84017640 **03**-*507,678* PC **A02**/MF **A01**

**SLAC-PUB-3406**
O(18) Revived.
DE84017639 **09**-*520,312* PC **A02**

**SLAC-PUB-3407**
Z sup 0 Decay Modes - Experimental Measurements.
DE85001442 **13**-*530,383* PC **A05**/MF **A01**

**SLAC-PUB-3412**
Pulsed RF Superconductivity Program at SLAC (Stanford Linear Accelerator Center).
DE84017193 **03**-*507,364* PC **A02**/MF **A01**

**SLAC-PUB-3415**
Stability in Dynamical Systems I.
DE85006698 **14**-*532,606* PC **A03**/MF **A01**

**SLAC-PUB-3418**
CMS Services for Micros: Supporting the IBM PC/XT at SLAC.
DE84016356 **01**-*501,324* PC **A02**/MF **A01**

**SLAC-PUB-3421**
Recent Particle Searches at PEP.
DE85002719 **09**-*520,470* PC **A02**/MF **A01**

**SLAC-PUB-3422**
AID: Access to Informal Documentation.
DE85000418 **06**-*513,433* PC **A02**/MF **A01**

**SLAC-PUB-3426**
Taus: A Probe of New W and Z Couplings.
DE85001881 **06**-*514,166* PC **A02**/MF **A01**

**SLAC-PUB-3427**
Phase Displacement Acceleration in the SSC (Superconducting Super Collider).
DE85001884 **04**-*510,256* PC **A02**/MF **A01**

**SLAC-PUB-3429**
Coherent QCD Radiation from Active and Spectator Jets at the SSC (Superconducting Super Collider).
DE85001880 **06**-*514,165* PC **A02**/MF **A01**

**SLAC-PUB-3431**
Weak Interactions of Quarks and Leptons: Experimental Status.
DE85008171 **16**-*536,798* PC **A05**/MF **A01**

**SLAC-PUB-3433**
High Field RF Superconductivity: To Pulse or Not to Pulse.
DE85004381 **11**-*525,396* PC **A02**/MF **A01**

**SLAC-PUB-3434**
Recent Progress in Electron Scattering at SLAC.
DE85002718 **08**-*517,984* PC **A02**/MF **A01**

**SLAC-PUB-3436**
Physics at the J/psi and the Status of Glueballs.
DE85005538 **12**-*527,996* PC **A02**/MF **A01**

**SLAC-PUB-3440**
Recent Developments in the Theory of Photon-Photon Collisions.
DE85002717 **06**-*514,178* PC **A02**

**SLAC-PUB-3445**
Proposal for Hollow Cathode Electron Gun for Electron Cooling.
DE85002721 **07**-*515,559* PC **A02**/MF **A01**

**SLAC-PUB-3446**
Lifetime Measurements for Bottom Hadrons.
DE85001941 **08**-*517,979* PC **A02**/MF **A01**

**SLAC-PUB-3449**
Experiments Beyond the Standard Model.
DE85005536 **12**-*527,995* PC **A03**/MF **A01**

**SLAC-PUB-3453**
Design of a Matched Fast Kicker System.
DE85004890 **09**-*520,294* PC **A02**/MF **A01**

**SLAC-PUB-3454**
Universal File Processing Program for Field Programmable Integrated Circuits.
DE85004384 **09**-*519,150* PC **A02**/MF **A01**

**SLAC-PUB-3455**
Performance Report for Stanford/SLAC Microstore Analog Memory Unit.
DE85004676 **11**-*524,249* PC **A02**/MF **A01**

**SLAC-PUB-3456**
Signals of New W'S and Z'S.
DE85002606 **08**-*517,983* PC **A02**/MF **A01**

**SLAC-PUB-3458**
Old and New Neutron Stars.
DE85002716 **06**-*512,729* PC **A02**/MF **A01**

**SLAC-PUB-3460**
4 pi Detectors.
DE85002605 **07**-*515,359* PC **A02**/MF **A01**

**SLAC-PUB-3461**
Supersymmetric sigma Models.
DE85002607 **09**-*520,469* PC **A02**/MF **A01**

**SLAC-PUB-3462**
Programmable Synchronization Unit.
DE85002685 **08**-*517,819* PC **A02**

**SLAC-PUB-3464**
Versatile CAMAC Power Supply Controller-Monitor with Built-in Ramping and Ripple Monitor.
DE85002686 **07**-*515,210* PC **A02**

**SLAC-PUB-3465**
Circulating Water Cooling System for a Camac Crate.
DE85004679 **11**-*525,025* PC **A02**/MF **A01**

**SLAC-PUB-3466**
Vernier Delay Unit.
DE85004678 **11**-*525,400* PC **A02**/MF **A01**

**SLAC-PUB-3467**
Design and Performance of the Stanford Linear Collider Control System.
DE85004383 **09**-*520,290* PC **A02**/MF **A01**

**SLAC-PUB-3468**
Hi-Speed Versatile Serial Crate Controller for CAMAC.
DE85002687 **08**-*517,820* PC **A02**

**SLAC-PUB-3469**
Upsilon Family Decays.
DE85006312 **13**-*530,394* PC **A02**/MF **A01**

**SLAC-PUB-3471**
SLAC Scanner Processor: A FASTBUS Module for Data Collection and Processing.
DE85004681 **11**-*525,401* PC **A02**/MF **A01**

**SLAC-PUB-3472**
Review of Polarized Proton Beam Techniques and a Report on the Workshop on Polarized Beams.
DE85004390 **09**-*520,291* PC **A02**/MF **A01**

**SLAC-PUB-3475**
New Drift Chamber for the Mark II Detector at the SLAC Linear Collider.
DE85005533 **11**-*525,033* PC **A02**/MF **A01**

**SLAC-PUB-3476**
Design of a Semi-Custom Integrated Circuit for the SLAC SLC Timing Control System.
DE85003091 **08**-*517,828* PC **A02**/MF **A01**

**SLAC-PUB-3488**
Transceiver for the Fastbus Cable Segment.
DE85006315 **12**-*526,877* PC **A02**/MF **A01**

**SLAC-PUB-3491**
SLAC Mark II Upgrade Drift Chamber Front End Electronics.
DE85004680 **11**-*525,026* PC **A02**/MF **A01**

**SLAC-PUB-3495**
Physics of e exp + -e exp - Colliders: Present, Future, and Far Future.
DE85009895 **24**-*556,685* PC **A02**/MF **A01**

**SLAC-PUB-3496**
Physics of (Very) High Energy E exp + -E exp - Colliders.
DE85008177 **13**-*530,462* PC **A02**/MF **A01**

**SLAC-PUB-3499**
Test of the Electronic Structure of Fe(100) by Absorbed Current Spectroscopy.
DE85004942 **12**-*528,090* PC **A02**/MF **A01**

**SLAC-PUB-3502**
Cerenkov Ring Imaging Detector Development for SLD.
DE85005535 **10**-*522,632* PC **A02**

**SLAC-PUB-3503**
Microstore: The Stanford Analog Memory Unit.
DE85005534 **14**-*531,672* PC **A02**/MF **A01**

**SLAC-PUB-3505**
Report on the May 1983 Polarized Electron Source Workshop at SLAC (Stanford Linear Accelerator Center).
DE85006313 **11**-*525,423* PC **A02**/MF **A01**

**SLAC-PUB-3507**
Standard Electroweak Interactions and Higgs Bosons.
DE85006314 **13**-*530,395* PC **A02**/MF **A01**

**SLAC-PUB-3508**
New Timing System for the Stanford Linear Collider.
DE85004650 **10**-*522,988* PC **A02**

**SLAC-PUB-3509**
Estimate of Particle Fluxes from the IR'S at the SSC.
DE85005537 **10**-*522,990* PC **A02**

**SLAC-PUB-3510**
Experimental Methods of Heavy Quark Detection.
DE85006316 **13**-*530,396* PC **A03**/MF **A01**

**SLAC-PUB-3511**
FASTBUS Software Progress.
DE85004677 **12**-*526,915* PC **A02**/MF **A01**

**SLAC-PUB-3519**
Lifetimes of Heavy Flavors.
DE85005686 **13**-*530,387* PC **A02**/MF **A01**

**SLAC-PUB-3526**
Search for Neutral Leptons.
DE85008173 **14**-*532,647* PC **A02**/MF **A01**

**SLAC-PUB-3527**
Heavy Quark Production Processes in QCD.
DE85007240 **13**-*530,426* PC **A02**/MF **A01**

**SLAC-PUB-3528**
Wake Fields and Wake Field Acceleration.
DE85008054 **13**-*530,459* PC **A03**/MF **A01**

**SLAC-PUB-3535**
Magnetic Monopoles.
DE85008176 **14**-*532,650* PC **A02**/MF **A01**

**SLAC-PUB-3536**
Particle Physics: Recent Successes and Future Prospects.
DE85008175 **14**-*532,649* PC **A02**/MF **A01**

**SLAC-PUB-3537**
Measurement Problem in PROGRAM UNIVERSE.
DE85008179 **18**-*541,743* PC **A02**/MF **A01**

**SLAC-PUB-3546**
Multi-Channel Pulser for the SLC Thermionic Electron Source.
DE85014222 **24**-*556,704* PC **A02**/MF **A01**

**SLAC-PUB-3547**
Photon-Photon Collisions.
DE85008056 **13**-*530,460* PC **A02**/MF **A01**

**SLAC-PUB-3550**
Implications for Supersymmetry of the CERN Monojets.
DE85008178 **13**-*530,463* PC **A02**/MF **A01**

**SLAC-PUB-3552**
Possible Indication of an A-Dependence of R in Deep-Inelastic Electron Scattering from Nuclei.
DE85008174 **14**-*532,648* PC **A02**/MF **A01**

**SLAC-PUB-3555**
Testing the Potential Model in the UPSILON System.
DE85008099 **15**-*534,856* PC **A02**/MF **A01**

**SLAC-PUB-3556**
Gluonia.
DE85008318 **15**-*534,859* PC **A03**/MF **A01**

**SLAC-PUB-3558**
SLAC (Stanford Linear Accelerator Center) Site Design Aesthetics.
DE85006544 **12**-*527,975* PC **A02**/MF **A01**

**SLAC-PUB-3565**
There Is No I/O Like No I/O.
DE85009115 **15**-*533,824* PC **A02**/MF **A01**

**SLAC-PUB-3566**
Discrete Foundation for Physics and Experience.
DE85008172 **13**-*530,519* PC **A02**/MF **A01**

**SLAC-PUB-3569**
Measurements of Heavy Quark and Lepton Lifetimes.
DE85008321 **16**-*536,799* PC **A02**/MF **A01**

**SLAC-PUB-3570**
SLC (Stanford Linear Accelerator) Program.
DE85008319 **14**-*532,616* PC **A02**/MF **A01**

**SLAC-PUB-3572**
Quantum Effects in Linear Collider Scaling Laws.
DE85009846 **18**-*541,711* PC **A02**/MF **A01**

**SLAC-PUB-3573**
Selective Experimental Review of the Standard Model.
DE85007779 **14**-*532,634* PC **A03**/MF **A01**

**SLAC-PUB-3577**
Computing Environments for Data Analysis. Part 1. Introduction.
DE85007919 **15**-*533,819* PC **A02**/MF **A01**

**SLAC-PUB-3578**
Computing Environments for Data Analysis. Part 2. Hardware.
DE85008320 **15**-*533,821* PC **A02**/MF **A01**

**SLAC-PUB-3582**
Detector Problems at the SSC.
DE85010217 **18**-*541,713* PC **A02**/MF **A01**

**SLAC-PUB-3583**
Beam Steering in the SLC Linac.
DE85013370 **22**-*551,449* PC **A02**/MF **A01**

**SLAC-PUB-3584**
Real Time Bunch Length Measurements in the SLC (Stanford Linear Collider) Linac.
DE85014362 **24**-*556,713* PC **A02**/MF **A01**

**SLAC-PUB-3589**
Selected Topics from J/psi Decays.
DE85010537 **17**-*539,398* PC **A02**/MF **A01**

**SLAC-PUB-3597**
Measurements of Ultimate Accelerating Gradients in the SLAC Disk-Loaded Structure.
DE85014287 **24**-*556,706* PC **A02**/MF **A01**

**SLAC-PUB-3598**
Minimizing the Energy Spread within a Single Bunch by Shaping Its Charge Distribution.
DE85013064 **22**-*551,422* PC **A02**/MF **A01**

**SLAC-PUB-3599**
Effects of Slots/Holes in Disks on Frequencies of TM sub 01 and EH sub 11 Waves in the Disk-Loaded Waveguide.
DE85013376 **22**-*551,453* PC **A02**/MF **A01**

**SLAC-PUB-3600**
Computer Control of RF at SLAC (Stanford Linear Accelerator Center).
DE85013065 **22**-*551,423* PC **A02**/MF **A01**

**SLAC-PUB-3601**
Plasma Wake Field Accelerator.
DE85010538 **17**-*539,374* PC **A02**/MF **A01**

**SLAC-PUB-3607**
Coupled Vibrational Modes of the SLC (Stanford Linear Collider) Arc Magnet and Support System.
DE85014288 **24**-*556,707* PC **A02**/MF **A01**

**SLAC-PUB-3608**
On-Line Model Driven Control of the SLC Electron Damping Ring.
DE85013377 **21**-*549,106* PC **A02**/MF **A01**

**SLAC-PUB-3609**
SLC (Stanford Linear Collider) Energy Upgrade Program at SLAC (Stanford Linear Accelerator Center).
DE85014290 **24**-*556,709* PC **A02**/MF **A01**

**SLAC-PUB-3610**
Solid State High Power Amplifier for Driving the SLC Injector Klystron.
DE85013063 **21**-*549,101* PC **A02**/MF **A01**

**SLAC-PUB-3612**
SLC (Stanford Linear Collider) Arc Transport System: Magnet Design and Construction.
DE85014289 **24**-*556,708* PC **A02**/MF **A01**

**SLAC-PUB-3614**
SLC (Stanford Linear Collider) Injector Modeling.
DE85013067 **22**-*551,424* PC **A02**/MF **A01**

**SLAC-PUB-3615**
Commissioning and Operation of the Nuclear Physics Injector at SLAC, (Stanford Linear Accelerator Center).
DE85013374 **22**-*551,452* PC **A02**/MF **A01**

**SLAC-PUB-3616**
Electron Wind in Strong Wave Guide Fields.
DE85013062 **22**-*551,421* PC **A02**/MF **A01**

**SLAC-PUB-3617**
Superconductors for Pulsed RF Accelerators.
DE85013378 **22**-*551,454* PC **A02**/MF **A01**

**SLAC-PUB-3618**
Portable Database Driven Control System for SPEAR.
DE85010465 **19**-*544,102* PC **A02**/MF **A01**

**SLAC-PUB-3620**
Application of GPS in a High Precision Engineering Survey Network.
DE85010556 **18**-*540,444* PC **A02**/MF **A01**

**SLAC-PUB-3621**
Rf Beam Deflection Measurements and Corrections in the SLC Linac.
DE85013061 **22**-*551,420* PC **A02**/MF **A01**

**SLAC-PUB-3624-REV.**
Control Problems in Very Large Accelerators.
DE85014956 **26**-*561,730* PC **A02**/MF **A01**

**SLAC-PUB-3629**
Report of Near Field Group.
DE85010536 **18**-*541,714* PC **A02**/MF **A01**

**SLAC-PUB-3630**
Requirements for Very High Energy Accelerators.
DE85011173 **18**-*541,730* PC **A02**/MF **A01**

**SLAC-PUB-3631**
TOSCA Calculations and Measurements for the SLAC SLC Damping Ring Dipole Magnet.
DE85014366 **24**-*556,714* PC **A02**/MF **A01**

**SLAC-PUB-3632**
GIANT: A Computer Code for General Interactive ANalysis of Trajectories.
DE85013058 **22**-*551,419* PC **A02**/MF **A01**

**SLAC-PUB-3633**
Error Message Recording and Reporting in the SLC Control System.
DE85013057 **22**-*551,418* PC **A02**/MF **A01**

**SLAC-PUB-3636**
Beam Position Monitor Readout and Control in the SLC Linac.
DE85014291 **24**-*556,710* PC **A02**/MF **A01**

**SLAC-PUB-3637**
Programmable Delay Unit Incorporating a Semi-Custom Integrated Circuit.
DE85013379 **22**-*551,455* PC **A02**/MF **A01**

**SLAC-PUB-3638**
Dissecting the COW (Console on Wheels).
DE85013369 **22**-*551,448* PC **A02**/MF **A01**

**SLAC-PUB-3639**
Generation and Acceleration of High Intensity Beams in the SLC Injector.
DE85013056 **22**-*551,417* PC **A02**/MF **A01**

**SLAC-PUB-3640**
High Resolution Beam Profile Monitors in the SLC.
DE85013375 **21**-*549,105* PC **A02**/MF **A01**

**SLAC-PUB-3643**
Spectroscopy of the UPSILON(2S) with the Crystal Ball.
DE85015970 **26**-*561,788* PC **A02**/MF **A01**

**SLAC-PUB-3645**
Higher Luminosities Via Alternative Incident Channels.
DE85014355 **24**-*556,712* PC **A02**/MF **A01**

**SLAC-PUB-3646**
Breeding New Light into Old Machines (and New).
DE85013055 **21**-*549,100* PC **A02**/MF **A01**

**SLAC-PUB-3647**
Some Uses of REPMM'S in Storage Rings and Colliders.
DE85014292 **24**-*556,711* PC **A02**/MF **A01**

**SLAC-PUB-3649**
SLC Positron Damping Ring Optics Design.
DE85013054 **22**-*551,416* PC **A02**/MF **A01**

**SLAC-PUB-3650**
Experimental Program to Build a Multimegawatt Lasertron for Super Linear Colliders.
DE85014293 **22**-*551,480* PC **A02**/MF **A01**

**SLAC-PUB-3651**
Timing System Control Software in the SLC, (Stanford Linear Collider).
DE85013380 **22**-*551,456* PC **A02**/MF **A01**

**SLAC-PUB-3652**
Fractional Charge in a Nut-Shell.
DE85013053 **22**-*551,259* PC **A02**/MF **A01**

**SLAC-PUB-3653**
New Formulation for Linear Accelerator Design.
DE85011171 **19**-*544,111* PC **A02**/MF **A01**

**SLAC-PUB-3654**
Parasitic Mode Losses Versus Signal Sensitivity in Beam Position Monitors.
DE85014367 **22**-*551,485* PC **A02**/MF **A01**

**SLAC-PUB-3655**
SLC (Stanford Linear Collider) Program.
DE85011433 **18**-*541,732* PC **A02**/MF **A01**

**SLAC-PUB-3658**
High Energy Radiation from Neutron Stars.
DE85014353 **24**-*554,652* PC **A02**/MF **A01**

**SLAC-PUB-3659**
Forty-Five Years of E exp + E exp - Annihilation Physics: 1956 to 2001.
DE85013052 **22**-*551,556* PC **A02**/MF **A01**

**SLAC-PUB-3660**
Superconvergent Tracking and Invariant Surfaces in Phase Space.
DE85013051 **21**-*549,099* PC **A02**/MF **A01**

**SLAC-PUB-3662**
Collinear Wake Field Acceleration.
DE85014356 **22**-*551,482* PC **A02**/MF **A01**

**SLAC-PUB-3666**
Hardware Upgrade for Klystrons in the SLC (Stanford Linear Collider).
DE85014357 **22**-*551,483* PC **A02**/MF **A01**

**SLAC-PUB-3667**
Klystron Control Software in the SLC.
DE85013068 **21**-*549,102* PC **A02**/MF **A01**

**SLAC-PUB-3668**
Report on the SLC Control System.
DE85013076 **22**-*551,429* PC **A02**/MF **A01**

**SLAC-PUB-3669**
Very High Energy Colliders.
DE85013075 **22**-*551,428* PC **A02**/MF **A01**

**SLAC-PUB-3670**
Landau Damping in the SLAC Linac.
DE85014358 **25**-*559,452* PC **A02**/MF **A01**

**SLAC-PUB-3671**
High-Resolution Phosphor Screen Beam Profile Monitor.
DE85013074 **22**-*551,427* PC **A02**/MF **A01**

**SLAC-PUB-3672**
High and Ulta-High Gradient Quadrupole Magnets.
DE85014360 **22**-*551,484* PC **A02**/MF **A01**

**SLAC-PUB-3673**
Observations of Accelerated High Current Low Emittance Beams in the SLC Linac.
DE85013073 **22**-*551,426* PC **A02**/MF **A01**

**SLAC-PUB-3674**
Linear Accelerators for TeV Colliders.
DE85014958 **25**-*559,454* PC **A02**/MF **A01**

**SLAC-PUB-3675**
Applications of the Second-Order Achromat Concept to the Design of Particle Accelerators.
DE85013072 **21**-*549,103* PC **A02**/MF **A01**

**SLAC-PUB-3676**
Radiative Decays of the psi' to All-Photon Final States.
DE85014364 **24**-*556,828* PC **A02**/MF **A01**

**SLAC-PUB-3679**
Status of SLC (Stanford Linear Collider).
DE85013071 **22**-*551,425* PC **A02**/MF **A01**

**SLAC-PUB-3680**
3081/E Processor and Its on-Line Use.
DE85013069 **24**-*556,792* PC **A02**/MF **A01**

**SLAC-PUB-3683**
Status of the zeta(8.3).
DE85013070 **22**-*551,557* PC **A02**/MF **A01**

**SLAC-PUB-3684**
Search for Heavy Neutrinos Produced in E exp + E exp - Annihilation.
DE85013372 **22**-*551,560* PC **A02**/MF **A01**

**SLAC-PUB-3686**
Search for New Effects in E exp + E exp - Interactions.
DE85014365 **24**-*556,829* PC **A02**/MF **A01**

**SLAC-PUB-3689**
Increased Intensity Performance of the Brookhaven AGS.
DE85013371 **22**-*551,450* PC **A02**/MF **A01**

**SLAC-PUB-3690**
Accelerator Physics Measurements at the Damping Ring.
DE85013373 **22**-*551,451* PC **A02**/MF **A01**

**SLAC-PUB-3695**
Data Acquisition System for SLD.
DE85014361 **22**-*551,092* PC **A02**/MF **A01**

**SLAC-PUB-3697**
FASTBUS for the Particle Accelerator Laboratories.
DE85014352 **22**-*551,091* PC **A02**/MF **A01**

**SLAC-PUB-3698**
Holonomy Anomalies.
DE85014354 **24**-*556,827* PC **A02**/MF **A01**

**SLAC-PUB-3703**
Pion-Skyrmion Scattering: Collective Coordinates at Work.
DE85014957 **26**-*561,784* PC **A02**/MF **A01**

**SLAC-PUB-3705**
Status of Networking for High Energy Physics in the United States.
DE85016503 **26**-*561,793* PC **A02**/MF **A01**

**SLAC-PUB-3708**
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AD-A155 720/6 **19**-*543,289* PC **A03**/MF **A01**

**SOL-85-3**

Dynamic Programming Approach to Time-Staged Convex Programs.

DE85010616 **17**-*538,350* PC **A05**/MF **A01**

**SOL-85-5**

Practical Approach to Karmarkar's Algorithm.

AD-A155 714/9 **19**-*543,288* PC **A02**/MF **A01**

**SOL-85-6**

Deriving a Utility Function For the Economy.

AD-A157 704/8 **24**-*554,758* PC **A02**/MF **A01**

Deriving a Utility Function for the Economy.

DE85014431 **24**-*554,769* PC **A02**/MF **A01**

**SOL-85-7**

Impact of Linear Programming on Computer Development.

AD-A157 659/4 **23**-*552,810* PC **A02**/MF **A01**

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DE85014432 **22**-*550,533* PC **A02**/MF **A01**

**SOL-85-8**

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AD-A157 587/7 **23**-*553,221* PC **A07**/MF **A01**

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AD-A158 263/4 **24**-*555,880* PC **A02**/MF **A01**

Existence of Equilibrium Prices for a Simple Planning Model.

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Rotating Welding Arcs,
PB85-121911 **04**-*509,776* PC **E03**/MF **E03**

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Reliability of Surface Controlled Subsurface Safety Valves,
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Guidelines for Preparation of Maintenance Manuals to Accompany New Equipment,
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AD-A155 194/4 **19**-*542,998* PC **A04**/MF **A01**

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**TGAL-TR-83-7**

Low Frequency Spectral Minimum in Underground Explosion P Spectra.

AD-A153 795/0 **16**-*536,546* PC **A04**/MF **A01**

**TGAL-TR-83-7A**

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AD-A148 765/1 **06**-*513,995* PC **A03**/MF **A01**

**TGAL-85-3**

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**TGL-37555**

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Weak Interactions on the Lattice.

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Search for Excited Quarks.

N84-34246/8 **01**-*502,550* PC **A02**/MF **A01**

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Electromagnetic Pulse. An Underestimated Aspect of Nuclear Warfare.

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**TIR-2114-MED-4001**

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N85-26125/3 **18**-*540,233* PC **A04**/MF **A01**

**TIR-2114-MED-4002**

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**TIR-2114-MED-4003**

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**TIR-2114-MED-4005**

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N85-26279/8 **18**-*540,920* PC **A05**/MF **A01**

**TIR-2114-MED-4007**

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**TIR-2114-MED-5007**

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N85-26121/2 **18**-*540,229* PC **A02**/MF **A01**

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**TIR-2114-MED-5010**

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N85-26107/1 **18**-*540,223* PC **A05**/MF **A01**

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N85-26117/0 **18**-*540,225* PC **A06**/MF **A01**

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N85-30621/5 **22**-*549,915* PC **A03**/MF **A01**

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Advanced Blade Tip Seal System, Volume 2.

N85-10999/9 **04**-*510,536* PC **A03**/MF **A01**

**TITAN-DSI-105800-07-83-5F-VOL-1**

Simulation of Critical Materials Resource Strategies. Volume 1. Introduction through Appendix C.

AD-A150 258/2 **10**-*522,538* PC **A05**/MF **A01**

**TITAN-DSI-105800-07-83-5F-VOL-2**

Simulation of Critical Materials Resources Strategies. Volume 2. Appendixes D and E.

AD-A150 261/6 **10**-*522,541* PC **A03**/MF **A01**

**TITAN-DSI-105800-07-83-5F-VOL-3**

Simulation of Critical Materials Resource Strategies. Volume 3. Appendix D - Data Base through Scenario 35.

AD-A150 262/4 **10**-*522,542* MF **A01**

**TITAN-DSI-105800-07-83-5F-VOL-4**

Simulation of Critical Materials Resource Strategies. Volume 4. Appendix D - Data Base through Scenario 47.

AD-A150 263/2 **10**-*522,543* MF **A01**

**TITAN-DSI-105800-07-83-5F-1-D**

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AD-A150 259/0 **10**-*522,539* MF **A01**

**TITAN-DSI-105800-07-83-5F-2-D**

Simulation of Critical Materials Resource Strategies. Volume 2. Appendix D - Data Base through Scenario 23.

AD-A150 260/8 **10**-*522,540* MF **A01**

**TITAN-DSI-105800-83-5F**

Simulation of Critical Materials Resource Strategies. Executive Summary.

AD-A150 264/0 **10**-*522,544* PC **A02**/MF **A01**

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Applicability of Existing C3 (Command, Control and Communications) Vulnerability and Hardness Analyses to Sentry System Issues.

AD-A156 155/4 **21**-*548,781* PC **A07**/MF **A01**

**TITAN-TLJ-83-28-002F**

Elements of a BMD C3 (Command, Control and Communications) V and H Program,

AD-A156 152/1 **21**-*548,780* PC **A04**/MF **A01**

**TKK-F-A539**

Symmetry and Structure of Quantized Vortices in Superfluid (3)He,

PB85-150522 **08**-*518,178* PC **E07**/MF **E01**

**TKK-F-A541**

Numerical Computer Programs for Community Solar Heating Systems with Different Types of Storage,

PB85-107787 **02**-*504,248* PC **E04**/MF **E01**

**TKK-F-A550**

Programming Language PL/SEQ for Digital Signal Processing Systems,

PB85-107480 **02**-*503,832* PC **E04**/MF **E01**

**TKK-F-A551**

Coherent Transient Effects Due to Phase Modulation of Recoilless Gamma Radiation,

PB85-198620 **18**-*540,358* PC **E04**/MF **E01**

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Design Strategy for a Network Oriented Digital Signal Processing System,

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Computational Investigations of Dynamic Effects in a Salinity-Gradient Solar Pond Heating System,

PB85-107506 **01**-*501,714* PC **E04**/MF **E01**

**TKK-F-A-554**

Some Comments on Using Capacitive Transducers for High Q Mechanical Oscillators,

PB85-151108 **08**-*517,321* PC **E03**/MF **E01**

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Persistent Currents in Superfluid 3He,

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Massive Copper Nuclear Demagnetization Stage for Refrigeration of Liquid 3He,

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**TKK-F-A557**

Experiments on Rotating Superfluid (3)He,

PB85-154276 **12**-*528,099* PC **E03**/MF **E01**

**TKK-F-A559**

Interpreting Measured Magnetic Fields of the Brain: Estimates of Current Distributions,

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Nuclear Magnetism in Copper at Nanokelvin Temperatures and in Low External Magnetic Fields,

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**TKK-F-A562**

Investigations of Nuclear Antiferromagnetic Ordering in Copper,

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**TKK-F-A566**

Study of the Realizability of Digital Filters for a Single Chip Signal Processor,

PB85-201028 **17**-*538,021* PC **E04**/MF **E01**

**TKK-F-A567**

NMR Studies on Vortices in Rotating 3He-A,

PB85-199818 **17**-*539,506* PC **E04**/MF **E01**

**TKK-F-A570**

Design Expert for Digital Signal Processing,

PB85-201044 **18**-*540,650* PC **E03**/MF **E01**

**TKK-F-A572**

Median Strings,

PB85-200418 **17**-*537,961* PC **E03**/MF **E01**

**TKK-F-A573**

Velocity-Selective Optical Pumping and Collision Effects,

PB85-200400 **18**-*541,706* PC **E03**/MF **E01**

**TKK-F-A574**

Measurement of Stack Gas Concentrations in the Infrared Region of the Spectrum,

PB85-198257 **18**-*540,357* PC **E04**/MF **E01**

**TKK-F-A576**

Unified Approach to Reconstruction Problem from Incomplete and Degraded Projections,

PB85-201051 **18**-*540,634* PC **E03**/MF **E01**

**TKK-F-A577**

Design of Data Acquisition System for Multi-Channel DC Squid Magnetometer,

PB85-225431 **22**-*550,854* PC **E04**/MF **E01**

**TKK-F-A578**

Cerebral Magnetic Fields Evoked by Peroneal Nerve Stimulation,

PB85-225092 **22**-*549,917* PC **E03**/MF **E01**

**TKK-F-A579**

Comparison of Early Cerebral Magnetic Responses Elicited by Mixed and Cutaneous Nerve Stimulation,
PB85-225449 **22**-*549,918* PC **E03**/MF **E01**

**TKK-F-A580**

Neuromagnetic Responses to Painful CO2-Stimulation of Nasal Mucosa,
PB85-224889 **22**-*549,955* PC **E03**/MF **E01**

**TKK-F-A581**

Somatosensory Evoked Magnetic Fields from SI: An Interpretation of the Spatiotemporal Field Pattern and Effects of Stimulus Repetition Rate,
PB85-224897 **22**-*549,916* PC **E03**/MF **E01**

**TKK-F-A588**

Quantized Vortices in Rotating Superfluid (3)He,
PB85-154268 **09**-*520,751* PC **E03**/MF **E01**

**TL-604165**

Sediment Basins with Slotted Riser Outlets: An Evaluation.
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**TL-604167**

CALINE4 - A Dispersion Model for Predicting Air Pollutant Concentrations Near Roadways.
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**TL-604187**

Investigate Alternatives for Solvent-Borne Traffic Paint.
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**TL-604197**

Energy and Transportation Systems.
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**TL-604202**

Used Tire Material as an Alternate Permeable Aggregate.
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**TL-604205**

Experimental Tied Back Crib Wall with Salvaged Guardrail Facing.
PB85-225563 **22**-*550,674* PC **A04**/MF **A01**

**TL-604208**

Field Performance of Experimental Tire Anchor Timber Wall.
PB85-226504 **22**-*550,811* PC **A05**/MF **A01**

**TL-604214**

California Vehicle Noise Emission Levels.
PB85-221042 **20**-*545,831* PC **A11**/MF **A01**

**TL-632304**

Dynamic Approach to Embankment Construction Control.
PB85-228310 **22**-*550,167* PC **A08**/MF **A01**

**TL-633352**

California's Thin Bonded PCC (Portland Cement Concrete) Overlay,
PB85-135044 **06**-*513,730* PC **A04**/MF **A01**

**TL-636818**

Determination of Fatique Characteristics of Hot-Dip Galvanized A307 and A449 Anchor Bars and A325 Cap Screws.
PB85-203313 **18**-*541,223* PC **A07**/MF **A01**

**TL-636966**

Vehicle Impact Tests of a See-Through, Collapsing Ring, Structural Steel Tube, Bridge Barrier Railing.
PB85-244226 **24**-*555,997* PC **A07**/MF **A01**

**TM-AS-44**

Comparison of Options for Reduction of Noise in the Test Section of the NASA Langley 4X7M Wind Tunnel, Including Reduction of Nozzle Area.
N85-14667/8 **08**-*517,284* PC **A04**/MF **A01**

**TM/84/1**

Communications in Noisy Environments,
PB85-139475 **06**-*513,981* PC **E09**/MF **E09**

**TM/84/4**

Further Studies of the Performance of the Vickers M88 Rapid Asbestos Fibre Counter,
PB85-117398 **03**-*506,838* PC **E04**/MF **E04**

**TM/84/5**

Animal Inhalation Experiments to Investigate the Significance of High and Low Percentage Concentrations of Quartz in Coalmine Dusts in Relation to Epidemiology and Other Biological Tests,
PB85-139293 **05**-*511,102* PC **E08**/MF **E08**

**TM-84/29**

FOLIG: A Computer Program to Generate Foliage Profiles.
PB85-224335 **22**-*549,361* PC **E04**/MF **E04**

**TM-84/30**

Annotated Checklist of the Vascular Plants in Part of Northwestern New South Wales.
PB85-224327 **22**-*549,748* PC **E08**/MF **E08**

**TM/85/1**

Manual Handling: Limits to Lifting,
PB85-229037 **23**-*552,329* PC **E04**/MF **E04**

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PB85-231660 **23**-*553,442* PC **E05**/MF **E05**

**TM-85/2**

Towards an Expert System for Fire Management at Kakadu National Park.
PB85-224319 **22**-*549,360* PC **E09**/MF **E09**

**TM-85/3**

Tabular Descriptions of Crops Grown in the Tropics. 5. Cassava (Manihot esculenta Crantz).
PB85-232379 **23**-*551,972* PC **E05**/MF **E05**

**TM-85/4**

Geomycin User's Guide.
PB85-232221 **23**-*552,842* PC **E04**/MF **E04**

**TM-85/5**

Notional Relationships between Plants and the Environment: An Aid to Broadscale Evaluation of Land for Plant Production. 1. Sweet Potato ('Ipomoea batatas' (L.) Lam.).
PB85-224301 **22**-*549,347* PC **E04**/MF **E04**

Ergonomic Principles in the Design of Underground Free-Steered Vehicles,
PB85-229045 **23**-*552,711* PC **E08**/MF **E08**

**TM/85/6**

Human Aspects of Computer Based Monitoring and Control of Mining Operations.
PB85-229565 **23**-*552,712* PC **E10**/MF **E10**

**TM-85/9**

Representative Basins Hydrologic Data: Storage and Retrieval.
PB85-227353 **22**-*550,126* PC **E03**/MF **E03**

**TM-85/10**

Gridbank: A Guide to the Database Using DEC VAX-11 DATATRIEVE,
PB85-241917 **26**-*560,136* PC **E04**/MF **E04**

**TM-85/11**

Austra Carto 1 and the International Cartographic Conference (12th): A Report,
PB85-241925 **26**-*560,556* PC **E03**/MF **E03**

**TM-89**

Simple Mathematical Model for a Flat Plate Damper in a Rectangular Duct,
PB85-163772 **11**-*524,607* PC **E03**/MF **E03**

**TM-90**

Note on Curve Fitting by Least Squares.
PB85-231199 **23**-*553,237* PC **E05**/MF **E05**

**TM-92**

Critical Survey of Dynamic Mathematical Models of Refrigeration Systems and Heat Pumps.
PB85-231181 **23**-*553,344* PC **E03**/MF **E03**

**TN/T-84/13**

Comportement d'une Antenne Television Type YAGI Soumise a une Impulsion Electromagnetique d'Origine Nucleaire (IEMN) (Behavior of a YAGI Type TV Antenna Under the Effect of a Nuclear-Origin Electromagnetic Pulse),
PB85-117166 **04**-*509,189* PC **E04**/MF **E04**

**TN/T-84/33**

Mise en Route d'une Chaine Interferometrique IDL (Development of an Interferometric IDL (Doppler Laser Interferometry)),
PB85-117133 **03**-*506,835* PC **E04**/MF **E04**

**TN-106-009**

Missile System Simulation at the Advanced Simulation Center.
AD-A147 829/6 **04**-*509,912* PC **A03**/MF **A01**

**TN-153**

Problemes d'Humidite dans les Batiments. Causes des Degradations. Ponts Thermiques. Climat Interieur. Donnees pour la Conception et l'Execution des Batiments. Conditions d'Occupation des Batiments (Humidity Problems in Buildings. Causes of Deterioration. Thermal Bridges. Internal Climate. Data for the Design and Execution of Buildings. Occupation Conditions in Rooms).
PB85-117620 **03**-*506,622* PC **E06**/MF **E06**

**TN-215**

Pseudospectral Calculations of Two-Dimensional Transonic Flow (Task 1). Numerical Investigation of VTOL Aerodynamics (Task 2).
AD-A150 123/8 **09**-*518,318* PC **A05**/MF **A01**

**TN-216**

Pseudospectral Calculations of Two-Dimensional Transonic Flow (Task 1). Numerical Investigation of VTOL Aerodynamics (Task 2).
AD-A150 123/8 **09**-*518,318* PC **A05**/MF **A01**

**TN-343**

Adjustable Wire Fences for Facilitating Big Game Movement.
PB85-165033 **12**-*526,378* PC **A02**/MF **A01**

**TN-364**

Salinity Status Report, 1980-1982: Results of Bureau of Land Management Studies on Public Lands in the Upper Colorado River Basin.
PB85-147270 **08**-*516,512* PC **A04**/MF **A01**

**TN-1742**

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Predicting Hydraulic Cylinder Cushioning Performance,
BHRA-85/36 **15**-*534,253* PC**$30.00**

**TNVP-81-03**

Instruction on Testing of Heat Meters.
DE85750422 **20**-*545,644* PC **A02**/MF **A01**

**TNVP-83-05**

Description of Systems Being Measured.
DE85750125 **10**-*522,235* PC **A02**/MF **A01**

**TNVP-83-06**

Measurements of Heat Pump Systems. Results.
DE85750124 **10**-*522,234* PC **A03**/MF **A01**

**TOP-1-1-005**

Adaptation of Military Materiel for Cold Regions Use.
AD-A147 703/3 **04**-*509,891* PC **A03**/MF **A01**

**TOP-1-2-502**

US Army Test and Evaluation Command Test Operations Procedure 'Durability'.
AD-A149 003/6 **07**-*515,198* PC **A02**/MF **A01**

**TOP-2-2-614**

Toxic Hazards Tests for Vehicles and Other Equipment.
AD-A149 164/6 **08**-*516,313* PC **A02**/MF **A01**

**TOP-2-2-700**

Laboratory Tests of Reciprocating Internal Combustion Engines.
AD-A150 143/6 **10**-*523,193* PC **A02**/MF **A01**

**TOP-2-4-004**

Cold Regions Logistic Supportability Testing of Wheeled, Tracked and Special Purpose Vehicles.
AD-A158 758/3 **25**-*558,850* PC **A03**/MF **A01**

**TOP-3-2-609**

Chemical Compatibility of Nonmetallic Materials.
AD-A153 856/0 **16**-*536,155* PC **A02**/MF **A01**

**TOP-3-2-813**

Field of Fire.
AD-A152 631/8 **14**-*532,554* PC **A02**/MF **A01**

**TOP-3-2-823**

Range Firing of Close Support Rockets and Missiles.
AD-A153 082/3 **15**-*534,723* PC **A02**/MF **A01**

**TOP-3-2-826**

Kinematic Tests of Small Arms.
AD-A156 982/1 **22**-*551,234* PC **A02**/MF **A01**

**TOP-4-2-045**

'Demolition-Initiating Equipment'.
AD-A151 272/2 **12**-*527,860* PC **A02**/MF **A01**

**TOP-4-2-606**

Establishment of Master and Reference Calibration Rounds.
AD-A150 809/2 **11**-*525,307* PC **A03**/MF **A01**

**TOP-5-4-006**

Cold Regions Logistic Supportability Testing of Missiles and Rocket Systems.
AD-A149 387/3 **08**-*517,252* PC **A03**/MF **A01**

**TOP-6-2-070**

Direction Finder Set, Radio.
AD-A149 958/1 **09**-*519,876* PC **A02**/MF **A01**

**TOP-6-2-075**

Distance Measuring Equipment (DME), General.
AD-A152 585/6 **14**-*532,400* PC **A02**/MF **A01**

**TOP-6-2-090**

Analyzer, Flight Line.
AD-A155 777/6 **21**-*548,677* PC **A02**/MF **A01**

**TOP-6-2-160**

Landing Control Centrals.
AD-A149 800/5 **09**-*519,854* PC **A02**/MF **A01**

**TOP-6-2-335**

Test, Measurement, and Diagnostic Equipment (System Peculiar).
AD-A156 669/4 **22**-*550,824* PC **A02**/MF **A01**

**TOP-6-4-007**
Cold Regions Logistic Supportability Testing of Electronic, Avionic and Communications Equipment.
AD-A158 887/0 **25**-*558,854* PC **A03**/MF **A01**

**TOP-7-4-012**
Cold Regions Logistic Supportability Testing of Aviation, Air Delivery Equipment, and Aircraft Weapons Subsystems.
AD-A158 778/1 **25**-*558,851* PC **A03**/MF **A01**

**TOP-8-4-007**
Cold Regions Environmental Test of Nuclear, Biological, and Chemical Decontamination Equipment.
AD-A158 593/4 **25**-*558,836* PC **A03**/MF **A01**

**TOP-8-4-015**
Cold Regions Logistic Supportability Testing of Chemical, Biological, and Radiological Defense Equipment.
AD-A158 729/4 **25**-*558,837* PC **A03**/MF **A01**

**TOP-9-4-006**
Cold Regions Logistic Supportability Testing of Construction, Support and Service Equipment.
AD-A158 714/6 **25**-*558,848* PC **A03**/MF **A01**

**TORG/RR-52**
Major Factors Influencing Modal Choice in the U.K. (United Kingdom) Freight Market.
PB85-117406 **03**-*506,702* PC **E04**/MF **E04**

**TORV-84-1**
Properties and Test Methods for Energy Peat.
DE84752065 **09**-*520,791* PC **A13**/MF **A01**

**TORV-84-2**
Small Scale Production of Peat for Fuel. State-of-the-Art and Future Development.
DE85750166 **11**-*525,791* PC **A07**/MF **A01**

**TOXICOLOGY SER-55**
Acute Oral Toxicity (LD50) of 4-Nitrophenyl Monochloromethyl (Phenyl) Phosphinate (TA009) in Male Rats.
AD-A148 337/9 **05**-*511,146* PC **A03**/MF **A01**

**TOXICOLOGY SER-73**
Acute Dermal Toxicity of (E)-1,2,3,4-Tetrahydro-6-Methyl-1-(2-Methyl-1-Oxo-2-Butenyl) Quinoline (CHR5) in Male and Female Rats.
AD-A146 777/8 **02**-*503,461* PC **A02**/MF **A01**

**TOXICOLOGY SER-79**
Mutagenic Potential of Guanidine Nitrate.
AD-A155 040/9 **18**-*540,238* PC **A02**/MF **A01**

**TOXICOLOGY SER-80**
Mutagenic Potential of Guanidine Hydrochloride (TP028).
AD-A155 072/2 **18**-*540,239* PC **A03**/MF **A01**

**TP/D-81-10**
Towed Instrument Cable.
AD-A149 388/1 **08**-*516,552* PC **A03**/MF **A01**

**TP/D-85-8**
Quarter-Inch Streaming Tape Drive Application with the Serial ASCII Instrumentation Loop (SAIL) System.
AD-A155 354/4 **19**-*543,007* PC **A04**/MF **A01**

**TP/D-85-9**
DECODE - A Software Manual for Use with the Serial ASCII Instrumentation Loop (SAIL) System.
AD-A155 358/5 **19**-*543,009* PC **A05**/MF **A01**

**TP-2**
Power from the Sun - Light at Night.
PB85-124097 **05**-*511,599* PC **A02**/MF **A01**

**TP-82-36**
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**TP-83/5**
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**TP-94**
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Regional Ecosystems Survey of the South Pacific Area,
PB85-121614 **04**-*508,457* PC **A06**/MF **A01**

**TP-1983-31**
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N85-23105/8 **15**-*535,093* PC **A02**/MF **A01**

**TP-5591**
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PB85-167955 **12**-*526,595* PC **A04**/MF **A01**

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PB85-172179 **13**-*528,897* Not available NTIS

**TP-7022**
Tall Fescue Response and Soil Properties Following Soil Amendment with Tannery Wastes.
PB85-151280 **09**-*518,380* PC **A02**/MF **A01**

**TPC/9/79**
Marketing of Lift Clubs.
PB85-152569 **09**-*519,670* PC **E04**/MF **E01**

**TPRD/M/1355/N84**
Shape of the Fusion Boundary in an Electromagnetically Stirred Weld Pool,
PB85-138774 **07**-*515,154* PC **E04**/MF **E04**

**TPRD/M/1407/N84**
On-Line Debris Monitoring of Condensate,
PB85-116952 **03**-*506,833* PC **E04**/MF **E04**

**TPRD/M/1409/N84**
Modifications to FURDEC (Furnace Heat Transfer Program) to Include Self-Consistent Flame Modelling,
PB85-143154 **07**-*515,075* PC **E04**/MF **E04**

**TPRD/M/1416/N84**
Technique for Sampling SO3 from Solids-Laden Combustion Systems,
PB85-116895 **03**-*506,832* PC **E03**/MF **E03**

**TPRD/M/1418/N84**
Computation of the Flow in a Cascade of High Stagger Transonic Tip Sections,
PB85-117612 **03**-*507,316* PC **E04**/MF **E04**

**TPRD/M/1422/N84**
Operation of an HDR (Hot Dry Rock) Geothermal Reservoir,
PB85-116879 **03**-*506,286* PC **E03**/MF **E03**

**TPRD/M/1428/N84**
Theory of the Determination of Slip Ratio in High Pressure Steam-Water Flows Using an 16N Tagging Technique,
PB85-182053 **15**-*534,764* PC **E03**/MF **E03**

**TPRD/M/1431/N84**
Critical Heat Flux Characteristics for Vertical Steam-Generating Tubes with Circumferentially Non-Uniform Heating,
PB85-117604 **03**-*506,621* PC **E03**/MF **E03**

**TPRD/M/1435/N84**
Sodium Chemistry in the MEL In-Sodium Creep Facilities,
PB85-143139 **07**-*515,237* PC **E04**/MF **E04**

**TPRD/M/1436/N84**
Air Abrasive Equipment for the Measurement of Residual Stresses in the Bores of Pipes and Tubes,
PB85-143170 **07**-*515,180* PC **E03**/MF **E03**

**TPRD/M/1440/R84**
High Temperature Deformation of a Cracked Austenitic: Ferritic Joint of the English Electric Mark III Design. Part 1. Slow Thermal and Pressure Cycling Conditions,
PB85-143162 **08**-*517,170* PC **E04**/MF **E04**

**TPRD/M/1441/N84**
Determination of Steam-Water Voidage in a Horizontal Tube Using a Flash X-ray Technique,
PB85-182087 **15**-*534,688* PC **E04**/MF **E04**

**TPRD/M/1445/N84**
Calibration of CERL-Planer Capacitance Strain Gauges,
PB85-147379 **08**-*517,316* PC **E04**/MF **E04**

**TPRD/M/1450/R84**
Manufacture of Deliberate Welding Defects for NDT Research,
PB85-156552 **10**-*522,508* PC **E04**/MF **E04**

**TPRD/M/1453/N85**
Unsteady Force Measurements on Rough and Smooth Fuel Elements in the Hinkley 'B' Piston Seal Bore - Including the Effects of Surface Damage and Graphite Deposition,
PB85-182079 **14**-*532,523* PC **E04**/MF **E04**

**TPRD/M/1457/R84**
Creep Rupture Properties of Nickel-Based Transition Joints After Long Term Service,
PB85-229508 **23**-*553,342* PC **E04**/MF **E04**

**TPRD/M/1469/R85**
Stress Relaxation and Tensile Tests on Esshete 1250 Type Weld Metal,
PB85-182095 **15**-*534,241* PC **E03**/MF **E03**

**TPRD/M/1470/N85**
Forces on the Vibating Centrebody of an Annular Diffuser,
PB85-186146 **16**-*536,753* PC **E03**/MF **E03**

**TPRD/M/1471/N85**
Instabilities of the AGR (Advanced Gas Cooled Reactor) Fuel Assembly during On-Load Refuelling,
PB85-186138 **16**-*536,678* PC **E03**/MF **E03**

**TPRD/M/1482/N85**
Strain Changes in a 1/2Cr 1/2Mo 1/4V-2CrMo Main Steam Pipe Butt Weld during Post Weld Heat Treatment,
PB85-229516 **23**-*554,067* PC **E03**/MF **E03**

**TPRL-406**
Thermophysical Property Testing Using Transient Techniques.
AD-A147 085/5 **02**-*505,232* PC **A04**/MF **A01**

**TR-CS-1278**
Labeled Discrete Voroni Diagram,
AD-A157 167/8 **23**-*552,789* PC **A03**/MF **A01**

**TR-D-69-ARO**
Schur-Ostrowski Theorems for Functionals on L1(0,1).
AD-A150 193/1 **10**-*522,181* PC **A03**/MF **A01**

**TR-D-70-ARO**
Estimation for a Semimartingale Regression Model Using the Method of Sieves.
AD-A146 809/9 **02**-*504,099* PC **A02**/MF **A01**

**TR-D-71-ARO**
Large Deviations for Processes with Independent Increments.
AD-A147 293/5 **03**-*506,499* PC **A03**/MF **A01**

**TR-D-72**
Coding Capacity of Mismatched Gaussian Channels.
AD-A149 453/3 **08**-*516,665* PC **A02**/MF **A01**

**TR-D-73-ARO**
Random Difference Equation for Matrices and a Characterization of the Gamma Distribution.
AD-A146 858/6 **02**-*504,104* PC **A02**/MF **A01**

Optimal Allocation of Components in Parallel-Series and Series-Parallel Systems.
AD-A150 169/1 **10**-*521,926* PC **A03**/MF **A01**

**TR-D-75-ARO**
Central Limit Theorems in the Area of Large Deviations for Some Dependent Random Variables.
AD-A153 125/0 **15**-*535,104* PC **A03**/MF **A01**

**TR-DG-11-ONR**
Organizations as Information Processing Systems. Toward a Strategic Contingencies Model of Budget Related Influence in Municipal Government Organizations.
AD-A149 364/2 **08**-*515,868* PC **A04**/MF **A01**

**TR-DG-12-ONR**
Technology, Personal Attributes and the Perceived Amount and Focus of Accounting and Information System Data.
AD-A153 380/1 **15**-*533,024* PC **A04**/MF **A01**

**TR-EE-84-50**
Complexity, Testability, and Fault Analysis of Digital, Analog, and Hybrid Systems.
AD-A148 465/8 **05**-*511,539* PC **A08**/MF **A01**

**TR-J8501**
Automatic Detection of Gulf Stream Rings.
AD-A157 934/1 **24**-*555,360* PC **A02**/MF **A01**

**TR-ONR-DG-09**
Objective and Social Factors as Determinants of Task Perceptions and Responses: An Integrative Framework and Empirical Investigation.
AD-A149 081/2 **07**-*514,546* PC **A04**/MF **A01**

**TR-ONR-DG-10**
Proposed Integration among Organizational Information Requirements, Media Richness and Structural Design.
AD-A149 317/0 **08**-*515,893* PC **A04**/MF **A01**

**TR-ONR-DG-13**
Management Control Systems and Interdependencies: An Empirical Study.
AD-A152 280/4 **13**-*528,467* PC **A03**/MF **A01**

**TR-ONR-DG-14**
Priming Effect in Task Design Research.
AD-A154 589/6 **18**-*539,965* PC **A03**/MF **A01**

**TR-ONR-DG-15**
Symbolic and Interactional Perspectives on Leadership: An Integrative Framework.
AD-A155 247/0 **19**-*542,476* PC **A04**/MF **A01**

**TR-ONR-DG-16**
Job Satisfaction and Organizational Commitment.
AD-A154 588/8 **18**-*539,920* PC **A05**/MF **A01**

**TR-ONR-2**
Procedurally Mediated Social Inferences: The Case of Category Accessibility Effects.
AD-A150 700/3 **11**-*523,623* PC **A04**/MF **A01**

**TR-ONR-3**
Stereotype Traits can be Processed Automatically.
AD-A150 947/0 **11**-*523,625* PC **A03**/MF **A01**

Introduction to Changing Race Relations in Management.
AD-A153 875/0 **16**-*535,415* PC **A03**/MF **A01**

**TR-ONR-6**
Measuring Managerial Potential and Intervening to Improve the Racial Equity of Upward Mobility Decisions.
AD-A158 892/0 **25**-*557,586* PC **A06**/MF **A01**

**TR-ONR-7**
Predictors of Transfer Adjustment: A Longitudinal Study.
AD-A152 462/8 **14**-*531,126* PC **A04**/MF **A01**

**TR-ONR-8**
Relationship between Performance and Satisfaction: A Utility Analysis.
AD-A152 342/2 **14**-*531,124* PC **A03**/MF **A01**

**TR-ONR-9**

Making a Transfer: An Analysis of Qualitative Data Relevant to Transfer Attitudes and Adjustment.
AD-A157 701/4 **24**-*554,899* PC **A03**/MF **A01**

**TR-ONR-10**

Transition Socialization Effectiveness: Year Three.
AD-A157 736/0 **24**-*554,900* PC **A03**/MF **A01**

**TR-ONR-11**

Analysis of Team Performance in a Programmed Environment.
AD-A150 991/8 **11**-*523,629* PC **A02**/MF **A01**

**TR-PTR-85-2**

Theoretical Studies of Solar-Pumped Lasers.
N85-27206/0 **19**-*544,022* PC **A02**/MF **A01**

**TR-RSC-6661**

Airphoto Analysis of the Impact of Hurricane Alicia on Galveston Island,
PB85-220267 **22**-*550,075* PC **A04**/MF **A01**

**TR-ZEY-84-01**

Psychological Issues in the Design of Expert Systems.
AD-A146 081/5 **01**-*501,294* PC **A02**/MF **A01**

**TR-1**

Electrochemistry in Near-Critical and Supercritical Fluids. I. Ammonia.
AD-A146 429/6 **01**-*501,024* PC **A02**/MF **A01**

Concept of Solid Solvent as Processing Aid.
AD-A146 556/6 **01**-*501,036* PC **A03**/MF **A01**

Isomer Enumeration in Polytertiary Phosphines and Related Compounds.
AD-A148 058/1 **04**-*508,758* PC **A02**/MF **A01**

Synthesis and Characterization of Poly(Oxy(2-Methyl-1,3-Phenylene)-Oxyisophthaloyl-b-(2-Methyl-1,3-Phenylene)Oxyterephthaloyl)Oxy,
AD-A148 269/4 **05**-*511,177* PC **A02**/MF **A01**

CARS Temperature Measurements in Sooting, Laminar Diffusion Flames.
AD-A148 801/4 **06**-*514,266* PC **A03**/MF **A01**

Shrinkage and Molecular Extension.
AD-A149 100/0 **08**-*516,365* PC **A02**/MF **A01**

Study of the K-edge Absorption Spectra of Selected Vanadium Compounds.
AD-A149 334/5 **08**-*516,378* PC **A04**/MF **A01**

Asymptotics for Configural Estimators.
AD-A150 106/3 **09**-*519,463* PC **A03**/MF **A01**

Aqueous Salt Absorption by Ampholytic Polysaccharides.
AD-A151 303/5 **12**-*526,353* PC **A02**/MF **A01**

Phase Separation in Polyurethanes - A Deuterium NMR Study.
AD-A151 515/4 **12**-*527,149* PC **A02**/MF **A01**

Separating Polymer Solutions Using High Pressure LCST (Lower Critical Solution Temperature) Phenomena.
AD-A151 538/6 **12**-*527,150* PC **A02**/MF **A01**

Electrochemical Studies in Liquid Crystals.
AD-A154 317/2 **17**-*537,629* PC **A02**/MF **A01**

Metallophthalocyanine Dimers Incorporating Five Atom Covalent Bridges.
AD-A154 365/1 **17**-*537,617* PC **A03**/MF **A01**

Temporal Variations of the Microwave Signatures of Sea Ice during the Late Spring and Early Summer Near Mould Bay NWT.
AD-A157 047/2 **23**-*552,733* PC **A02**/MF **A01**

Compatibilizing Effect of Random or Block Copolymer Added to Binary Mixture of Homopolymers.
AD-A157 384/9 **23**-*553,190* PC **A03**/MF **A01**

Linear Sweep Voltammetry at Very Small Stationary Disk Electrodes.
AD-A157 472/2 **23**-*553,642* PC **A02**/MF **A01**

Approaches to Conceptual Clustering.
AD-A158 728/6 **25**-*557,343* PC **A02**/MF **A01**

Combined Effect of Stress State and Grain Size on Hydrogen Embrittlement of Titanium.
AD-A158 923/3 **25**-*558,419* PC **A02**/MF **A01**

Dynamic Estimation Theory as a Basis for Prediction of Polar Lows,
PB85-179828 **16**-*535,921* PC **E03**/MF **E03**

**TR-1-85**

Nucleation of Cavitation in Aqueous Media.
AD-A150 745/8 **11**-*523,953* PC **A07**/MF **A01**

Probabilistic Algorithms in Group Theory.
AD-A152 253/1 **13**-*529,558* PC **A03**/MF **A01**

**TR-1-ONR**

Chemical Derivatization of an Array of Three Gold Microelectrodes with Polypyrrole: Fabrication of a Molecule-Based Transistor.
AD-A146 221/7 **01**-*501,006* PC **A02**/MF **A01**

Model of Social Inference Processes.
AD-A148 419/5 **05**-*510,924* PC **A03**/MF **A01**

Magnetically-Induced Luminescence of (Ir(2= phos)2)C10 4.
AD-A149 659/5 **09**-*518,826* PC **A02**/MF **A01**

**TR-1-ONR-1**

Navy Family Advocacy Program: The Demographics of Family Violence in the Navy and Marine Corps.
AD-A147 948/4 **04**-*508,398* PC **A06**/MF **A01**

**TR-1-ONR-2**

Navy Family Advocacy Program: The Management and Utilization of Program Information.
AD-A151 867/9 **13**-*528,609* PC **A07**/MF **A01**

**TR-2**

Thermodynamics and Phase Equilibria in the Vandium-Silicon System.
AD-A145 870/2 **01**-*500,968* PC **A02**/MF **A01**

Gel Drawn Fibers of Poly(Vinyl Alcohol).
AD-A149 062/2 **07**-*515,010* PC **A03**/MF **A01**

Chemical Applications of Topology and Group Theory. 18. Polyhedral Isomerizations of Seven-Coordinate Complexes.
AD-A149 461/6 **08**-*516,383* PC **A02**/MF **A01**

Infrared Study of the Dissociation of Carbon Dioxide over Supported Rhodium Catalysts.
AD-A149 813/8 **09**-*518,831* PC **A02**/MF **A01**

Regenerative Simulation of Non-Markovian Stochastic Systems.
AD-A150 344/0 **10**-*522,191* PC **A03**/MF **A01**

Monitoring of Laminate Cure with Microdielectrometry.
AD-A150 863/9 **11**-*524,447* PC **A02**/MF **A01**

Entropy Production during Fatigue as a Criterion for Failure. A Local Theory of Fracture in Engineering Materials.
AD-A151 289/6 **12**-*528,068* PC **A05**/MF **A01**

Polymer Solution-Supercritical Fluid Behavior.
AD-A154 514/4 **18**-*540,297* PC **A02**/MF **A01**

Nonradiative Damping of Molecular Electronic Excited States by Metal Surfaces.
AD-A154 619/1 **18**-*540,306* PC **A03**/MF **A01**

The Adsorption of Deuterium on Fe(110) as Studied by Molecular Beam Scattering.
AD-A157 658/6 **23**-*552,503* PC **A02**/MF **A01**

Formulation of the Diffusion-Controlled Current at Very Small Stationary Disk Electrodes.
AD-A157 740/2 **24**-*555,266* PC **A02**/MF **A01**

Relationships between Electronic Spectroscopy and Electrochemistry. A Probe of Reorganisation Energies.
AD-A157 940/8 **24**-*555,275* PC **A02**/MF **A01**

Beans in the Farming Systems in Langali and Kibaoni Villages, Mgeta Area, Morogoro Region, Tanzania,
PB85-209534 **19**-*542,152* PC **A04**/MF **A01**

**TR-2-84**

Role of Nuclei Size in Transient Cavitation Threshold Measurements.
AD-A148 334/6 **05**-*512,404* PC **A05**/MF **A01**

**TR-02-85**

Efficient Parallel Solution of Linear Systems.
AD-A152 663/1 **14**-*531,926* PC **A03**/MF **A01**

Acoustic Cavitation and Bubble Dynamics.
AD-A156 888/0 **22**-*551,239* PC **A07**/MF **A01**

**TR-2-ARO**

Robust Regression through Robust Covariances.
AD-A153 301/7 **15**-*534,094* PC **A03**/MF **A01**

**TR-2-ONR**

NaK Chemiluminescence.
AD-A146 077/3 **01**-*500,993* PC **A02**/MF **A01**

Chemical Derivatization of Microelectrode Arrays by Oxidation of Pyrrole and N-Methylpyrrole: Fabrication of Molecule-Based Electrode Devices.
AD-A146 378/5 **01**-*501,019* PC **A03**/MF **A01**

Observation of a Novel Low-Lying Excited State in Zinc Complexes.
AD-A150 188/1 **10**-*521,674* PC **A02**/MF **A01**

Leader and Organization Culture: Navigating the Tricky Currents.
AD-A152 713/4 **14**-*530,973* PC **A04**/MF **A01**

Stimulus Structures and Mental Representations in Expert Comprehension of Computer Programs.
AD-A157 520/8 **23**-*552,199* PC **A06**/MF **A01**

**TR-3**

Deflocculants for Tape Casting Barium Titanate.
AD-A145 820/7 **01**-*500,965* PC **A05**/MF **A01**

Doing Research that Makes a Difference.
AD-A145 942/9 **01**-*500,385* PC **A03**/MF **A01**

Vaporization Behavior, Phase Equilibria, and Thermodynamic Stabilities of Nickel Phosphides.
AD-A146 683/8 **01**-*501,043* PC **A02**/MF **A01**

Photodesorption of Weakly Bound Molecules.
AD-A147 021/0 **02**-*503,623* PC **A03**/MF **A01**

Reactions of Bis(tricyclohexyl Phosphine)-Rhodium(I)carbonyl Tetrahydridoborate with Carbon Dioxide and Formic Acid.
AD-A147 784/3 **04**-*508,716* PC **A02**/MF **A01**

Redox Conduction in Single and Bilayer Films of Redox Polymer.
AD-A148 491/4 **05**-*511,214* PC **A02**/MF **A01**

Infrared Study of Isotopic Exchange During Methanation Over Supported Rhodium Catalysts; An Inverse Spillover Effect.
AD-A149 390/7 **08**-*517,438* PC **A02**/MF **A01**

Confidence Intervals Using the Regenerative Method for Simulation Output Analysis.
AD-A150 147/7 **10**-*522,178* PC **A02**/MF **A01**

Ion and Polymer Chain Motion in a Superionic Sodium-Poly(Ethylene Oxide) Complex.
AD-A152 290/3 **13**-*528,955* PC **A02**/MF **A01**

Chemical Applications of Topology and Group Theory. 17. An Information Theoretical Approach to Polyhedral Symmetry.
AD-A152 821/5 **15**-*533,484* PC **A02**/MF **A01**

Chronopotentiometry at Very Small Stationary Disk Electrodes.
AD-A157 634/7 **23**-*552,502* PC **A02**/MF **A01**

**TR-03-85**

Efficient VLSI (Very Large Scale Integration) Fault Simulation.
AD-A152 661/5 **14**-*531,712* PC **A03**/MF **A01**

Biological Effects of Acoustic Cavitation.
AD-A157 513/3 **23**-*552,379* PC **A05**/MF **A01**

**TR-03-542-027-VOL-1/2**

Hill AFB, Utah Installation Restoration Program. Phase IIB, IRP Survey. Volume 1. Text. Volume 2. Appendices.
AD-A149 013/5 **07**-*514,742* PC **A99**/MF **E03**

**TR-3/3346/M**

Caracterisation de la Structure du Reseau d'une Resine Epoxy Durcie (Structure Characterization of the Lattice of a Hardened Epoxy Resin),
PB85-140523 **06**-*513,264* PC **E06**/MF **E06**

**TR-3-ONR**

Examination of Alternative Forms of Fit in Contingency Theory.
AD-A152 602/9 **14**-*530,970* PC **A04**/MF **A01**

Alkali Atom - SbCl5 Reactions: Blue-Green Chemiluminescence from an Inverted Population in SbCl.
AD-A154 371/9 **17**-*537,630* PC **A02**/MF **A01**

Determination of the Activation Barrier to Energy Transfer from 3 pi pi* to Charge Transfer Levels via Steady State and Transient Luminescence Measurements on Bis(4-Chlorothiophenol)(1,10-Phenanthroline)Zinc(II).
AD-A158 239/4 **24**-*555,289* PC **A02**/MF **A01**

**TR-4**

Structure-Property Relationships in Thermoplastic Elastomers. I. Segmented Polyether-Polyurethanes.
AD-A148 043/3 **04**-*509,469* PC **A03**/MF **A01**

Fluctuation Phenomena Studies in Chemically Sensitive Field Effect Transistor. Part 1. Corrosion of Aluminum.
AD-A148 240/5 **05**-*511,455* PC **A03**/MF **A01**

Redox Conduction: Its Use in Electronic Devices.
AD-A148 492/2 **05**-*511,215* PC **A02**/MF **A01**

Life Cycles of Ad Hoc Task Groups.
AD-A148 681/0 **06**-*512,872* PC **A06**/MF **A01**

Infrared Study of the Hydrogenation of Carbon Dioxide on Supported Rhodium Catalysts.
AD-A149 477/2 **08**-*516,387* PC **A03**/MF **A01**

Valence- and Conduction-Band Structure of the Sapphire (1102) Surface.
AD-A150 001/6 **09**-*520,696* MF **A01**

Regenerative Stochastic Petri Nets.
AD-A150 343/2 **10**-*522,190* PC **A03**/MF **A01**

Cure and Properties of Thermosetting Systems.
AD-A157 100/9 **23**-*553,187* PC **A02**/MF **A01**

Determination of the Wiener Molecular Branching Index for the General Tree.
AD-A157 486/2 **23**-*552,497* PC **A03**/MF **A01**

Square Wave Voltammetry at Electrodes Having a Small Dimension.
AD-A157 657/8 **23**-*553,646* PC **A02**/MF **A01**

Light Scattering from Bubbles in Liquids.
AD-A158 736/9 **25**-*559,436* PC **A07**/MF **A01**

**TR-4-ONR**

Dynamics of Interorganizational Coordination.
AD-A152 613/6 **14**-*531,133* PC **A04**/MF **A01**

**TR-5**

Ballistic Electrons in an Inhomogeneous Submicron Structure: Thermal and Contact Effects.
AD-A147 069/9 **02**-*505,094* PC **A02**/MF **A01**

Temperature Dependence of the Crystal Structures of Nylon 11.
AD-A147 563/1 **03**-*505,847* PC **A02**/MF **A01**

Fluctuation Phenomena Studies in Chemically Sensitive Field Effect Transistors. Part 2. Corrosion of Silicon Oxynitride.
AD-A148 227/2 **05**-*511,454* PC **A02**/MF **A01**

An Impulse Approach to Linear Viscoelasticity.
AD-A148 231/4 **05**-*511,186* PC **A02**/MF **A01**

Charge Trapping Reactions in Bilayer Electrodes.
AD-A148 404/7 **05**-*511,207* PC **A02**/MF **A01**

Simple Model for Predicting the Flux Distribution through the Focal Plane of a Multifaceted-Concentrator Solar Furnace.
AD-A149 063/0 **07**-*515,059* PC **A02**/MF **A01**

Infrared Study of the Oxidation of Carbon Monoxide over Supported Rhodium Catalysts.
AD-A149 478/0 **08**-*516,388* PC **A02**/MF **A01**

Current Noise in Sodium Beta Alumina Ceramic.
AD-A149 549/8 **08**-*516,840* PC **A02**/MF **A01**

Angle-Resolved Photoemission Study of AuGa2 and AuIn2 Intermetallic Compounds.
AD-A150 000/8 **09**-*520,695* MF **A01**

Recursive Moment Formulas for Regenerative Simulation.
AD-A150 112/1 **09**-*519,464* PC **A02**/MF **A01**

Assessing the Behavior and Performance of Teams in Organizations: The Case of Air Transport Crews.
AD-A150 359/8 **10**-*521,285* PC **A03**/MF **A01**

Spatial Concentrations of Silicon Atoms by Laser-Induced Fluorescence in a Silane Glow Discharge.
AD-A150 894/4 **11**-*523,967* PC **A02**/MF **A01**

**TR-05-84**

Parallel Time O(log N) Acceptance of Deterministic CFLs.
AD-A152 255/6 **13**-*529,186* PC **A03**/MF **A01**

**TR-5-ONR**

Concept of Fit in Contingency Theory.
AD-A152 603/7 **14**-*530,971* PC **A04**/MF **A01**

Two-Terminal Microelectrochemical Diode with Contact Spacing of about One Micron. A Device Based on One Solution Redox Couple and One Electrode-Confined Redox Couple.
AD-A158 774/0 **25**-*557,945* PC **A03**/MF **A01**

**TR-6**

Sticking Probability of H2 and HD on Noble Metal Surfaces.
AD-A147 061/6 **02**-*503,516* PC **A02**/MF **A01**

Water Absorption and Conductivity in Poly(Ethylene Oxide)-Lithium Tetrafluoroborate Films.
AD-A147 969/0 **04**-*508,745* PC **A03**/MF **A01**

Kinetics of Phase Separation in Segmented Polyurethanes.
AD-A148 217/3 **05**-*511,184* Not available NTIS

Bilayer Electrodes: Theory and Experiment for Electron Trapping Reactions at the Interface between Two Redox Polymer Films.
AD-A148 405/4 **05**-*511,208* PC **A02**/MF **A01**

Properties of Ultra-Violet Cured Poly(diemthylsiloxane)-Urea Acrylates.
AD-A148 570/5 **05**-*511,731* PC **A03**/MF **A01**

Characterization of CO Binding Sites on Rh(111) and Rh(331) Surfaces by XPS and LEED (Low Energy Electron Diffraction): Comparison to EELS (Electron Energy Loss Spectroscopy) Results.
AD-A149 331/1 **08**-*516,377* PC **A02**/MF **A01**

Heterocontact Effects in Point Contact Electron-Phonon Spectroscopy of the Alkali Metals.
AD-A149 760/1 **09**-*520,690* PC **A03**/MF **A01**

Mixed-Basis Band Structure Interpolation Scheme Applied to the Fluorite Structure Compounds NiSi2, AuAl2, AuGa2 and AuIn2.
AD-A150 131/1 **09**-*520,700* PC **A03**/MF **A01**

Spatial Dependence of Particle Light Scattering in an RF Silane Discharge.
AD-A150 979/3 **11**-*523,974* PC **A02**/MF **A01**

Ionic Conductivity and Microwave Dielectric Relaxation of LiAsF6 and LiClO4 in Dimethylcarbonate.
AD-A151 397/7 **12**-*526,647* PC **A03**/MF **A01**

Soluble Linear Schiff-Base Coordination Polymer Containing Eight-Coordinate Zirconium(IV).
AD-A151 446/2 **12**-*526,633* PC **A03**/MF **A01**

Characterization of Internal Salts by Laser Mass Spectrometry
AD-A154 132/5 **17**-*537,622* PC **A02**/MF **A01**

High Temperature Solar Electrothermal Processing II. Zinc from Zinc Oxide.
AD-A154 747/0 **18**-*540,308* PC **A03**/MF **A01**

Noise in Silver beta Alumina Ceramics.
AD-A156 135/6 **21**-*548,104* PC **A02**/MF **A01**

Joint Central Limit Theorem for the Sample Mean and Regenerative Variance Estimator.
AD-A158 393/9 **25**-*558,501* PC **A02**/MF **A01**

**TR-7**

Study of Reaction Kinetics and Development of Elastic Properties in Network Polymerization Systems by the Impulse Technique.
AD-A148 187/8 **04**-*508,774* PC **A02**/MF **A01**

Effect of Xe Underlayers on the Surface Enhanced Raman Scattering of Pyridine on Cold Silver.
AD-A150 109/7 **09**-*518,850* PC **A02**/MF **A01**

Solids Analysis Using Energetic Ion Bombardment and Multiphoton Resonance Ionization with Time-of-Flight Detection.
AD-A150 309/3 **10**-*521,685* PC **A02**/MF **A01**

Spatial Concentrations of Silicon Atoms in RF Discharges of Silane.
AD-A150 874/6 **11**-*523,964* PC **A02**/MF **A01**

Ion Transporting Composite Membranes. I. Nafion Impregnated Gore-Tex.
AD-A151 020/5 **11**-*523,977* PC **A02**/MF **A01**

The Role of Electron-Hole Pair Excitations in Desorption Dynamics.
AD-A152 972/6 **15**-*533,494* PC **A02**/MF **A01**

Noise in Sodium Beta Alumina Crystals.
AD-A156 025/9 **21**-*549,147* PC **A02**/MF **A01**

Part A. Molecular Dynamics and Ionic Associations of LiAsF6 in 4-Butyrolactone Mixtures with 2-Methyl Tetrahydrofuran. Part B. Molecular Dynamics and Ionic Associations of LiBF4 in 1,2-Dimethoxymethane.
AD-A157 401/1 **23**-*552,493* PC **A04**/MF **A01**

AuGa2 on GaSb(001): An Epitaxial, Thermodynamically Stabilized Metal/III-V Compound Semiconductor Interface.
AD-A157 937/4 **24**-*556,593* PC **A04**/MF **A01**

Symmetric Stochastic Petri Nets.
AD-A158 348/3 **25**-*558,552* PC **A03**/MF **A01**

**TR-07-84**

Efficient Parallel Pseudo-Random Number Generation.
AD-A152 235/8 **13**-*529,556* PC **A02**/MF **A01**

**TR-7-ONR**

Central Problems in the Management of Innovation.
AD-A152 598/9 **14**-*530,967* PC **A04**/MF **A01**

Microelectrochemical Diode with Submicron Contact Spacing Based on the Connection of Two Microelectrodes Using Dissimilar Redox Polymers.
AD-A158 283/2 **24**-*555,293* PC **A03**/MF **A01**

Race Relations Competence Workshop: An Intergroup Educational Procedure.
AD-A158 787/2 **25**-*557,584* PC **A05**/MF **A01**

**TR-8**

Electronic Structure, Chemical Bonding, and Electron Conductivity of Thin-Film Transition-Metal Silicides.
AD-A147 721/5 **04**-*510,375* PC **A02**/MF **A01**

Model for Prediction of the Elastic Response of Composite Materials Over Wide Ranges of Concentration.
AD-A148 186/0 **04**-*509,366* PC **A03**/MF **A01**

Metal-Catalyzed Rearrangement of Alkene-Alkynes and the Stereochemistry of Metallacyclobutene Ring Opening.
AD-A149 084/6 **07**-*514,690* PC **A02**/MF **A01**

Carbon Monoxide Adsorption on a Platinum Electrode Studied by Polarization Modulated FT-IRRAS (Fourier Transform - IR Reflection Absorption Spectroscopy). I. CO Adsorbed in the Double Layer Potential Region and Its Oxidation in Acids.
AD-A149 751/0 **09**-*518,828* PC **A03**/MF **A01**

Spatial Resolution of Small Particles in Silane Discharge.
AD-A150 953/8 **11**-*523,970* PC **A02**/MF **A01**

Refractory Metal Silicides: Thin-Film Properties and Processing Technology.
AD-A152 449/5 **14**-*531,818* PC **A02**/MF **A01**

Luminescence Probe Studies of Ionomers. I. Steady-State Measurements from Nafion Membrane.
AD-A152 475/0 **14**-*531,438* MF **A01**

The Use of an Independent Boson Model to Study the Dynamic Effects of Electron Excitations by a Particle Colliding with a Metal Surface.
AD-A152 886/8 **15**-*533,491* PC **A02**/MF **A01**

Vertical Channeling of Pyridine Molecules Ejected in Ion Bombardment Experiments.
AD-A154 147/3 **17**-*537,625* PC **A02**/MF **A01**

Thoughts on Expertise.
AD-A157 394/8 **23**-*552,196* PC **A03**/MF **A01**

Lithium Insertion in V3Nb9O29. A Wadsley-Roth Type Phase.
AD-A157 945/7 **24**-*555,276* PC **A02**/MF **A01**

Theory of Standardized Time Series.
AD-A158 383/0 **25**-*558,500* PC **A03**/MF **A01**

**TR-08-84**

Optimal Parallel Algorithms for Graph Connectivity.
AD-A152 095/6 **13**-*529,167* PC **A02**/MF **A01**

**TR-8-ONR**

Testing the Organizational Assessment Model of Work Unit Design. A Systems Approach.
AD-A152 624/3 **14**-*531,134* PC **A03**/MF **A01**

Time Series Evaluation of Race Relations Improvement.
AD-A158 829/2 **25**-*557,585* PC **A03**/MF **A01**

**TR-009**

Polyphosphazene Solid Electrolytes.
AD-A147 008/7 **02**-*504,014* PC **A02**/MF **A01**

Electronic Structure, Chemical Bonding, and Superconductivity of Silver Films on Germanium.
AD-A147 720/7 **04**-*510,374* PC **A02**/MF **A01**

Kinetics of Electron Transfer Reactions in and at Films of Electroactive Polymers.
AD-A148 597/8 **06**-*513,215* PC **A02**/MF **A01**

Applications of Piezoelectric and Pyroelectric Thin Films: Opportunities for Langmuir-Blodgett Technology.
AD-A149 239/6 **08**-*517,190* PC **A03**/MF **A01**

Large Step Shear Strain Experiments with Parallel-Disk Rotational Rheometers.
AD-A150 952/0 **11**-*524,790* PC **A02**/MF **A01**

Mechanisms of Phenylacetylene Polymerization by Molybdenum and Titanium Initiators.
AD-A150 993/4 **11**-*523,945* PC **A02**/MF **A01**

Luminescence Probe Studies of Ionomers. II. Steady-State Measurements from Sulfonated Polyethylene and Teflon Membranes.
AD-A152 233/3 **13**-*528,954* PC **A02**/MF **A01**

Thermal Oxidation of Sputtered Silicon Carbide Thin Films.
AD-A152 448/7 **14**-*531,455* PC **A02**/MF **A01**

Quantum Noise in Langevin Descriptions.
AD-A152 974/2 **15**-*533,495* PC **A02**/MF **A01**

Science, Technology, and Intelligence,
AD-A158 870/6 **25**-*557,558* PC **A03**/MF **A01**

**TR-09-84-02**

Job Complexity and Cognitive Performance in Bank Personnel.
AD-A147 128/3 **02**-*503,151* PC **A03**/MF **A01**

**TR-09-84-03**

Cognitive Asymmetry and Occupation. Computer Programmers, Students, and Bank Personnel. Part 1 and Part 2.
AD-A147 125/9 **02**-*503,115* PC **A03**/MF **A01**

**TR-10**

Optoacoustic Spectroscopy.
AD-A145 995/7 **01**-*502,405* PC **A03**/MF **A01**

Ambiguity and Uncertainty in Probabilistic Inference.
AD-A147 378/4 **03**-*505,546* PC **A05**/MF **A01**

Polymer Modification of Electrodes.
AD-A148 365/0 **05**-*511,204* PC **A03**/MF **A01**

I. Lexical and Object Decisions. II. Syntactic Disambiguation of Homographs.
AD-A148 523/4 **05**-*510,926* PC **A03**/MF **A01**

Effect of Powder Characteristics on Microstructure and Properties in Alkoxide Prepared PZT Ceramics.
AD-A149 082/0 **07**-*514,958* PC **A03**/MF **A01**

Synthesis of Phenols from Metal-Carbynes and Diynes.
AD-A151 913/1 **13**-*528,931* PC **A02**/MF **A01**

The Electromagnetic Theory of Surface Enhanced Spectroscopy.
AD-A152 727/4 **14**-*531,481* PC **A03**/MF **A01**

Structure-Property Relationships in Thermoplastic Elastomers. III. Segmented Polyacetal-Polyurethanes.
AD-A154 897/3 **18**-*540,881* PC **A02**/MF **A01**

Problem Solving under Time-Constraints.
AD-A158 921/7 **25**-*557,561* PC **A03**/MF **A01**

**TR-11**

Phase Diagram of Polymer Blends Containing Block Copolymers.
AD-A147 706/6 **04**-*508,727* PC **A03**/MF **A01**

Theory of Preference Reversals.
AD-A147 952/6 **04**-*508,391* PC **A04**/MF **A01**

Potential Dependence of Electrical Conductivity and Chemical Charge Storage of Poly(pyrrole) Films on Electrodes.
AD-A148 513/5 **05**-*511,216* PC **A03**/MF **A01**

Prediction of Stable Processes: Spectral and Moving Average Representations.
AD-A150 773/0 **11**-*524,525* PC **A02**/MF **A01**

Thin Films Properties of Sputtered Niobium Silicide on SiO2, Si3N4 and on N+ Poly-Si.
AD-A152 378/6 **14**-*531,449* PC **A02**/MF **A01**

Description of Quantum Noise by a Langevin Equation.
AD-A152 885/0 **15**-*533,490* PC **A02**/MF **A01**

Procedure Identifying a Polyacetylene Initiator of Olefin Metathesis. The Reactivities of Metal-Carbenes Toward Alkenes and Alkynes.
AD-A156 997/9 **22**-*549,982* PC **A04**/MF **A01**

Validation of the Algorithms for Base and Depot Condemnation Spares Costs (NSN) for the Component Support Cost System (D160B).
AD-A157 462/3 **23**-*552,057* PC **A03**/MF **A01**

**TR-11/7224/SY**

Robustesse de Regulateurs de Pilotage Multivariables (Strength of Multivariable Piloting Regulators),
PB85-141570 **07**-*514,344* PC **E08**/MF **E08**

**TR-12**

Synthesis, Characterization, and Crystal and Molecular Structure of Ga(CH2SiMe3)3.Me2NC2H4NMe2.Ga(CH2SiMe3)3.
AD-A146 642/4 **01**-*501,040* PC **A02**/MF **A01**

Methods and Applications of Time Series Analysis. Part 2. Linear Stochastic Models.
AD-A147 292/7 **03**-*506,498* PC **A06**/MF **A01**

Risk, Ambiguity, and Insurance.
AD-A147 789/2 **04**-*508,158* PC **A03**/MF **A01**

Estimation of the Rate of Electron Transfers between two Contacting Polymer Surfaces.
AD-A148 416/1 **05**-*511,210* PC **A02**/MF **A01**

Deuterium Isotope Effect on the Compatibility between Polystyrene and Polybutadiene.
AD-A148 551/5 **05**-*511,730* PC **A02**/MF **A01**

Pressure-Dependence of TiS(2) and TiSe(2) Bandstructures.
AD-A151 200/3 **12**-*528,077* PC **A02**/MF **A01**

Completely Consumed Carbide - A New Process for Dielectric Isolation.
AD-A152 379/4 **14**-*531,450* PC **A02**/MF **A01**

Simple Phenomenological Model for the Interpretation of Ion Neutralization Spectra.
AD-A152 707/6 **14**-*531,478* PC **A03**/MF **A01**

Validation of the Algorithm for Depot TCTO Labor Costs for the Component Support Cost System (D160B).
AD-A157 461/5 **23**-*552,056* PC **A03**/MF **A01**

**TR-12/7224/SY**

Robustesse des Regulateurs de Pilotage Multivariables Continus: Synthese de l'Etude (Strength of Continuous Multivariable Piloting Regulators: Study Synthesis),
PB85-140853 **07**-*514,343* PC **E04**/MF **E04**

**TR-13**

Why do Noninvertible Estimated Moving Averages Occur.
AD-A150 388/7 **10**-*522,192* PC **A04**/MF **A01**

C2Hn Fragments on Metal Surfaces.
AD-A151 474/4 **12**-*526,652* PC **A07**/MF **A01**

Mean Trajectory Approximation for Charge and Energy Transfer Processes at Surfaces.
AD-A152 708/4 **14**-*531,479* PC **A04**/MF **A01**

Electrochemistry of Polymer Films Not Immersed in Solution. Electron Transfer on an Ion Budget.
AD-A152 989/0 **15**-*533,497* PC **A02**/MF **A01**

Contrast/Surprise Model for Updating Beliefs.
AD-A153 937/8 **16**-*535,625* PC **A04**/MF **A01**

Reentry Cone Multiple Casing Hanger Systems.
PB85-112340 **02**-*503,676* PC **A11**/MF **A01**

**TR-013-84**

Determination and Analysis of Candidate Industrial Protection Countermeasures and Strategies. Volume 1. Main Report.
AD-A145 947/8 **01**-*500,278* PC **A08**/MF **A01**

**TR-14**

High-Yield Synthesis of Si3N4/Sic Ceramic Materials by Pyrolysis of a Novel Polyorganosilazane.
AD-A146 863/6 **02**-*504,026* PC **A02**/MF **A01**

Synthesis and Characterization of a 1,4 Polybutadiene/Isotactic Polypropylene Block Copolymer.
AD-A148 199/3 **05**-*511,727* PC **A02**/MF **A01**

Pulsed Photothermal Radiometry for Remote Sensing of Spectroscopic and Physical Properties of Thin Film.
AD-A149 080/4 **07**-*515,200* PC **A02**/MF **A01**

Bonding Information from Auger Spectroscopy.
AD-A150 864/7 **11**-*523,961* PC **A03**/MF **A01**

Examination of the Use of Wave Packets for the Calculation of Atom Diffraction by Surface.
AD-A152 760/5 **15**-*533,480* PC **A03**/MF **A01**

Accepting Error to Make Less Error.
AD-A153 949/3 **16**-*536,198* PC **A03**/MF **A01**

Invariant Tests and Likelihood Ratio Tests for Multivariate Elliptically Contoured Distributions.
AD-A155 844/4 **21**-*548,203* PC **A05**/MF **A01**

Validation of the Algorithm for Depot TCTO other Costs for the Component Support Cost System (D160B).
AD-A157 464/9 **23**-*552,059* PC **A03**/MF **A01**

Cryogenic Sample Stage for the CAMECA IMS-3F Ion Microscope.
AD-A158 071/1 **24**-*556,126* PC **A02**/MF **A01**

Drill String Failure Analyses.
PB85-112357 **02**-*503,677* PC **A08**/MF **A01**

**TR-15**

Silazane Precursors to Silicon Nitride.
AD-A146 791/9 **02**-*504,025* PC **A02**/MF **A01**

(Vinyloxy)fluorocyclotriphosphazenes.
AD-A147 448/5 **03**-*505,819* PC **A02**/MF **A01**

Determination of the Elastic Constants of Inhomogeneous Materials with X-Ray Diffraction.
AD-A148 469/0 **05**-*512,526* PC **A03**/MF **A01**

Photo-Thermal Detection of the Onset of Photo-Chemical Nucleation (Laser-Snow) in Vapor.
AD-A150 111/3 **09**-*518,945* PC **A02**/MF **A01**

Charge Transfer, Polarization and Relaxation Effects in the Auger Lineshapes of Si.
AD-A150 938/9 **11**-*523,969* PC **A03**/MF **A01**

High Pressure and Molecular Weight Variation of Electrical Relaxation in Poly(Ethylene Oxide).
AD-A157 660/2 **23**-*552,504* PC **A03**/MF **A01**

Test and Evaluation of Aluminum Drill Pipe for Deep Water Coring: Design and Use of Heavy Wall Drilling Joints for Bending Stress Reduction.
PB85-112365 **02**-*503,678* PC **A07**/MF **A01**

**TR-16**

Novel Photo-Thermal Technique for Flow and Spectroscopic Measurements in a Dense Aerosol Stream.
AD-A149 745/2 **09**-*518,827* PC **A02**/MF **A01**

Organophosphazenes. 18. Friedel-Crafts Phenylation Reactions of Alkyl and Dimethylamino Fluorocyclotriphosphazenes.
AD-A150 595/7 **10**-*521,705* PC **A02**/MF **A01**

EXAFS of Monolayers on Silver Electrodes. 1984 Progress Report for SSRL Proposal Number 717M.
AD-A150 623/7 **10**-*521,708* PC **A02**/MF **A01**

Novel Polymeric Organosilazane Precursor to Si3N4/SiC Ceramics.
AD-A150 748/2 **11**-*524,413* PC **A02**/MF **A01**

Electron Stimulated Desorption and the Role of Secondary Electrons.
AD-A150 974/4 **11**-*523,972* PC **A02**/MF **A01**

X-Ray Diffraction Study of the Residual Stress/Strain Distribution in Shot-Peened Two-Phase Brass.
AD-A152 418/0 **14**-*531,849* PC **A03**/MF **A01**

Temperature Dependence of Diffracted Beam Intensities in Atom-Surface Scattering.
AD-A152 762/1 **15**-*533,481* PC **A03**/MF **A01**

Electrical Relaxation in Poly(Ethylene Oxide).
AD-A157 301/3 **23**-*552,489* PC **A03**/MF **A01**

Validation of the Algorithms for Depot Exchangeable Repair and Modification Costs for NSNS and Engines for the Component Support Cost System (D160B).
AD-A157 463/1 **23**-*552,058* PC **A04**/MF **A01**

Design and Operation of a Wireline Pressure Core Barrel.
PB85-112282 **02**-*503,671* PC **A11**

**TR-17**

'Hydrogen Partitioning' Model for Hydrogen Assisted Crack Growth.
AD-A147 385/9 **03**-*506,419* PC **A02**/MF **A01**

Chemical and Localization Effects in Auger Lineshapes of Transition Metal Compounds.
AD-A150 865/4 **11**-*523,962* PC **A02**/MF **A01**

Optical Monitoring of Photo-Acoustic Pulse Propagation in Silicon Wafers.
AD-A151 333/2 **12**-*527,471* PC **A02**/MF **A01**

Robust Detection of Fading Narrow-Band Signals in Non-Gaussian Noise.
AD-A152 262/2 **13**-*529,233* PC **A07**/MF **A01**

X-Ray Diffraction Study of Changes in Stress/Strain Distributions during Fatigue of a Two-Phase Alloy.
AD-A152 367/9 **14**-*531,847* PC **A03**/MF **A01**

Strategy for Time Dependent Quantum Mechanical Calculations Using a Gaussian Wave Packet Representation of the Wave Function.
AD-A152 709/2 **14**-*532,682* PC **A04**/MF **A01**

Validation of the Algorithm for Base Supply Management Overhead Costs for the Component Support Cost System (D160B).
AD-A157 460/7 **23**-*552,055* PC **A04**/MF **A01**

TSDC (Thermally Stimulated Depolarization Current) Studies of PEO (Poly(Ethylene Oxide)) and PEO Complexed with KSCN.
AD-A157 488/8 **23**-*552,498* PC **A03**/MF **A01**

Design and Operation of Mechanical and Hydraulic Bit Releases.
PB85-112290 **02**-*503,672* PC **A06**

**TR-18**

Investigation of Cholinergic Circuitry in Cat Striate Cortex Using Acetylcholinesterase Histochemistry.
AD-A146 608/5 **01**-*500,831* PC **A04**/MF **A01**

Fundamentals of Dislocation Transport of Hydrogen in BCC Iron.
AD-A148 143/1 **04**-*509,388* PC **A09**/MF **A01**

Numerical Study of the Mean Trajectory Approximation in a Non-Adiabatic Process.
AD-A152 763/9 **15**-*533,482* PC **A04**/MF **A01**

Time Resolved Flow Velocity and Concentration Measurements Using a Travelling Thermal Lens.
AD-A156 706/4 **22**-*551,264* PC **A02**/MF **A01**

Low Temperature Activation Volumes in Beta-PbF2.
AD-A157 778/2 **24**-*557,000* PC **A02**/MF **A01**

Errors Due to Counting Statistics in the Triaxial Strain (Stress) Tensor Determined by Diffraction.
AD-A158 219/6 **24**-*556,972* PC **A02**/MF **A01**

Test Measurements of the 100 M Telescope at lambda = 7 mm.
N85-10890/0 **03**-*505,379* PC **A02**/MF **A01**

Operations Resumes Part 7, Leg 71 through Leg 84 (of International Phase of Ocean Drilling Deep Sea Drilling Project).
PB85-112373 **02**-*503,744* PC **A15**/MF **A01**

**TR-18-84**

Logarithmic Depth Circuits for Algebraic Functions. Revision.
AD-A152 254/9 **13**-*529,559* PC **A03**/MF **A01**

**TR-19**

Clonidine and Cortical Plasticity: Possible Evidence for Noradrenergic Involvement.
AD-A147 616/7 **04**-*508,657* PC **A03**/MF **A01**

Effect of Microstructure and Trapping on the Hydrogen Embrittlement Susceptibility of a Ti-Bearing HSLA Steel.
AD-A148 610/9 **06**-*513,556* PC **A09**/MF **A01**

Characterization of Vapor and Aerosol Flows by Photothermal Methods.
AD-A156 601/7 **22**-*551,261* PC **A02**/MF **A01**

X-Ray Elastic Constants and Their Meaning for Al and Fe.
AD-A158 251/9 **24**-*555,736* PC **A02**/MF **A01**

Operations Resumes Part 8. Leg 85 through Leg 96 (of International Phase of Ocean Drilling Deep Sea Drillig Project).
PB85-112381 **02**-*503,679* PC **A15**/MF **A01**

**TR-20**

Model for Generalization and Specification by Single Neurons.
AD-A150 871/2 **11**-*523,860* PC **A03**/MF **A01**

Optical Detection of Photoacoustic Pulses in Thin Silicon Wafers.
AD-A156 705/6 **22**-*551,761* PC **A02**/MF **A01**

Investigative Analysis of the NSN-WUC (National Stock Number-Work Unit Code) Cross-Reference Dictionary for the Component Support Cost System (D160B).
AD-A157 604/0 **23**-*552,066* PC **A05**/MF **A01**

Neutron Stress Measurements with a Position Sensitive Detector.
AD-A158 882/1 **25**-*558,968* PC **A02**/MF **A01**

Design and Operation of an Extended Core Barrel.
PB85-112308 **02**-*503,673* PC **A10**

**TR-21**

Characterization of Poly(Ethylene Oxide) Drawn by Solid State Extrusion.
AD-A150 967/8 **11**-*524,509* PC **A02**/MF **A01**

Measurement of Stresses in Composites.
AD-A158 938/1 **25**-*558,393* PC **A03**/MF **A01**

Design and Operation of an Advanced Hydraulic Piston Corer.
PB85-112324 **02**-*503,674* PC **A12**

**TR-22**

Theory of Harmonic Generation of Finite Amplitude Ultrasonic Waves in Solids of Hexagonal Symmetry.
AD-A146 636/6 **01**-*502,348* PC **A04**/MF **A01**

Postnatal Changes in the Distribution of Acetylcholinesterase in Kitten Visual Cortex.
AD-A150 997/5 **11**-*523,862* PC **A03**/MF **A01**

Uniaxial Orientation of Linear Low Density Polyethylene.
AD-A151 037/9 **11**-*524,510* PC **A02**/MF **A01**

Profile Fitting in Residual Stress Determination.
AD-A158 881/3 **25**-*559,771* PC **A02**/MF **A01**

Computer Analysis and Field Measurements of Stresses in Long Drill Strings Suspended from a Floating Vessel.
PB85-112332 **02**-*503,675* PC **E09**/MF **A01**

**TR-23**

Temperature-Dependent Surface States and Transitions of Si(111)-7x7.
AD-A149 156/2 **08**-*518,144* PC **A02**/MF **A01**

On a Problem Concerning Spacings.
AD-A150 893/6 **11**-*524,530* PC **A02**/MF **A01**

Model for the Compressive Buckling of Extended Chain Polymers.
AD-A151 025/4 **11**-*525,584* PC **A04**/MF **A01**

Recent Developments in Neural Models.
AD-A151 776/2 **13**-*528,820* PC **A03**/MF **A01**

Operations Plan (of International Phase of Ocean Drilling Deep Sea Drilling Project) (Revised).
PB85-112399 **02**-*503,680* PC **A04**/MF **A01**

**TR-24**

Influence of Hydrogen on the Multiaxial Fracture Behavior of Titanium Alloy Sheets.
AD-A148 671/1 **06**-*513,558* PC **A02**/MF **A01**

Rare Gas Titration Studies of Si(111) Surfaces.
AD-A149 111/7 **08**-*516,367* PC **A02**/MF **A01**

Solid-State Co-Extrusion of Nylon 6 Gel.
AD-A156 187/7 **21**-*548,132* PC **A03**/MF **A01**

Magnetic Exchange Interactions in the Linear Chain Chromium (III) Compounds Catena-Fluorophthalocyaninato chromium (III) and Catena-Cyanophthalocyaninato chromium (III).
AD-A157 861/6 **24**-*555,273* PC **A03**/MF **A01**

Theory of the Propagation of Finite Amplitude Ultrasonic Waves in Pure Mode Directions in Hexagonal and Trigonal Crystals.
AD-A158 154/5 **24**-*556,585* PC **A04**/MF **A01**

**TR-25**

Structural Relaxation and Isoconfigurational Flow of a Metallic Glass Near Equilibrium.
AD-A147 888/2 **04**-*509,386* PC **A04**/MF **A01**

Influence of Strain Rate and Porosity on the Deformation and Fracture of Titanium and Nickel.
AD-A148 670/3 **06**-*513,557* PC **A03**/MF **A01**

High Resolution Electron Energy Loss Studies of Fermi-Level States of Clean and Metallized Si(111) Surfaces.
AD-A148 933/5 **07**-*515,584* PC **A02**/MF **A01**

Glutamic Acid Decarboxylase in Kitten Striate Cortex.
AD-A152 326/5 **14**-*531,201* PC **A04**/MF **A01**

New Drawing Technique for Nylon 6 by Reversible Plasticization with Iodine.
AD-A156 272/7 **21**-*548,133* PC **A03**/MF **A01**

**TR-25/1736/AY**

Rapport de Fin de Fabrication de la Demi-Aile Hypersustentee a Fleche Variable (Final Manufacturing Report of the Oversupported Half Wing with Variable Sweep).
PB85-138022 **06**-*513,861* PC **E03**/MF **E03**

**TR-26**

Influence of Porosity on the Deformation and Fracture of Alloys.
AD-A148 766/9 **06**-*513,560* PC **A03**/MF **A01**

Analysis of Waveguide Discontinuities by the Method of Moments.
AD-A151 499/1 **12**-*526,874* PC **A07**/MF **A01**

Language Design, Computers and Brains.
AD-A152 819/9 **15**-*533,090* PC **A02**/MF **A01**

Crystallization of Polyetheretherketone (PEEK) in Carbon Fiber Composites.
AD-A156 316/2 **21**-*548,121* PC **A03**/MF **A01**

**TR-27**

Deformation and Fracture of P/M (Powder/Metallurgy) Titanium Alloys.
AD-A148 672/9 **06**-*513,559* PC **A03**/MF **A01**

Electrochemistry of Anilines. Part 1. Oxidation of 2,6-Di tert-Butyl-Anilines to Radical Cations; General Considerations, Electroanalytical Experiments and Spectroscopy.
AD-A149 142/2 **08**-*516,368* PC **A02**/MF **A01**

Moment Solution for an Arbitrary Configuration of Partly Shielded Wires Above a Ground Plane.
AD-A149 762/7 **09**-*520,189* PC **A06**/MF **A01**

Structure-Property Relationships in Polymeric Matrix Materials.
AD-A153 929/5 **16**-*536,128* PC **A02**/MF **A01**

Cortical Plasticity: Theoretical Analysis, Experimental Results.
AD-A157 965/5 **24**-*555,161* PC **A03**/MF **A01**

Health Insurance Coverage by Scope of Benefits in Rhode Island, 1980,
HRP-0906439/5 **19**-*542,577* PC **A03**/MF **A01**

**TR-27/1147/AY**

Recherche Experimentale d'un Critere d'Eclatement pour un Tourbillon en Ecoulement Incompressible (Experimental Research of a Bursting Criterion for a Vortex in Incompressible Flow).
PB85-137917 **06**-*512,659* PC **E04**/MF **E04**

**TR-28**

Infrared Spectroelectrochemical Study of Adsorbed Tetracyanoethylene Anions at a Platinum Electrode.
AD-A148 663/8 **06**-*513,224* PC **A02**/MF **A01**

Surface Structure Analysis Using Low Energy Ion Scattering. I. Clean Fe (001).
AD-A149 336/0 **08**-*516,379* PC **A02**/MF **A01**

Deformation and Fracture of P/M Titanium Alloys.
AD-A157 416/9 **23**-*553,159* PC **A03**/MF **A01**

Model for Forecasting Runway Surface Temperature and Verification with Subjective Forecasts.
N85-19569/1 **13**-*528,450* PC **A03**/MF **A01**

**TR-29**

Stability of Several Substituted Ferrites in a Reducing Atmosphere.
AD-A146 108/6 **01**-*500,997* PC **A02**/MF **A01**

Optimal Detection of a Change in Distribution.
AD-A146 849/5 **02**-*504,103* PC **A03**/MF **A01**

Electrochemistry at Very High Potentials: The Use of Ultramicroelectrodes in the Anodic Oxidation of Short Chain Alkanes.
AD-A148 654/7 **06**-*513,216* PC **A02**/MF **A01**

Ordinary and Proper Location M-Estimates for ARMA Models. Revised.
AD-A149 705/6 **09**-*519,437* PC **A03**/MF **A01**

Acoustic Radiation from Concentric Shells Containing an Inner Fluid.
AD-A155 476/5 **19**-*543,973* PC **A04**/MF **A01**

Toward a Normative Distribution of State Health Expenditures,
HRP-0906438/7 **19**-*542,576* PC **A04**/MF **A01**

**TR-30**

Preparation and Electronic Properties of MoS(2) and WS(2) Single Crystals Grown in the Presence of Cobalt.
AD-A146 508/7 **01**-*502,356* PC **A02**/MF **A01**

Background Detection and Correction in Multicomponent Analysis.
AD-A148 251/2 **05**-*511,188* PC **A03**/MF **A01**

Voltammetry and Coulometry with Immersed Thin Layer Electrodes. Part 1. Model for Effects of Solution Resistivity in Linear Sweep Voltammetry.
AD-A148 655/4 **06**-*513,217* PC **A02**/MF **A01**

Diffusion Process and Its Application to Detecting a Change in the Drift of Brownian Motion.
AD-A150 096/6 **09**-*518,845* MF **A01**

Small-Area Variations in Rates of Hospitalization and Surgery within Rhode Island.
HRP-0905932/0 **01**-*500,663* PC **A03**/MF **A01**

**TR-30-ONR**

Autonomy in the Industrial R&D(Research and Development) Lab.
AD-A148 075/5 **04**-*508,257* PC **A03**/MF **A01**

**TR-31**

Convergence of Quasi-Stationary to Stationary Distributions for Stochastically Monotone Markov Processes.
AD-A148 041/7 **04**-*509,500* PC **A02**/MF **A01**

Chemical Information from Ion Scattering Spectrometry.
AD-A148 287/6 **05**-*511,198* PC **A02**/MF **A01**

Voltammetry and Coulometry with Immersed Thin Layer Electrodes. Part 2. Practical Considerations and Experimental Results.
AD-A148 656/2 **06**-*513,218* PC **A02**/MF **A01**

Average Collisional Vibrational Energy Transfer Quantities and the Inversion Temperature.
AD-A152 674/8 **14**-*531,474* PC **A02**/MF **A01**

**TR-32**

Silicon Phthalocyanine and a Silicon Naphthalocyanine: Synthesis, Electrochemistry, and Electrogenerated Chemiluminescence.
AD-A146 441/1 **01**-*500,953* PC **A03**/MF **A01**

Multicomponent Calibration and Quantitation Methods.
AD-A148 252/0 **05**-*511,189* PC **A03**/MF **A01**

Spectroelectrochemical Investigation Oxidation of the Bilirubin IX-Alpa in Dimethylformamide.
AD-A148 662/0 **06**-*513,223* PC **A03**/MF **A01**

Boundary Crossing Probabilities and Statistical Applications.
AD-A151 027/0 **11**-*524,538* PC **A04**/MF **A01**

**TR-33**

Correlation of Electronic Charge Transfer Transitions and Electrochemical Potentials. The Bipyrazine(Tetracarbonyl)Molybdenum(O) System in Various Solvents.
AD-A147 660/5 **04**-*508,725* PC **A02**/MF **A01**

Subtractively Normalized Interfacial Fourier Transform Infrared Spectroscopy of Difluorobenzene Adsorbed at Polycrystalline Platinum Electrodes.
AD-A148 660/4 **06**-*513,221* PC **A02**/MF **A01**

Chemometric Analysis of Multisensor Arrays.
AD-A153 805/7 **16**-*536,383* PC **A02**/MF **A01**

Large Deviations for the Maxima of Some Random Fields.
AD-A155 909/5 **21**-*548,205* PC **A03**/MF **A01**

**TR-34**

Polymerization and Halogen Scrambling Behavior of Phenyl-Substituted Cyclotriphosphazenes.
AD-A146 366/0 **01**-*500,950* PC **A03**/MF **A01**

Modulated Surface Vibrational Spectroscopies at Electrode/Electrolyte Interfaces.
AD-A148 665/3 **06**-*513,226* PC **A03**/MF **A01**

Extremes in Dependent Random Sequences.
AD-A149 255/2 **08**-*516,932* PC **A02**/MF **A01**

Electronic Spectra of Phthalocyanine Radical Anions and Cations.
AD-A152 328/1 **14**-*531,445* PC **A03**/MF **A01**

**TR-35**

FT-IR/PA Study of Quinoline Adsorbed on Calcined and Sulfided Mo/Gamma-Al2O3.
AD-A148 659/6 **06**-*513,220* PC **A02**/MF **A01**

Role of Molecular Diffusion in the Adhesion of EDPM (Ethylene-Propylelediene Terpolymer) and EPR (Ethylene-Propylene Copolymer) Elastomers.
AD-A152 259/8 **13**-*529,529* PC **A03**/MF **A01**

Protonation and Lewis Acid-Base Equilibria in (Bipyrazine)Molybdenum and (Bipyrazine) Tungsten Tetracarbonyls.
AD-A152 374/5 **14**-*531,447* PC **A03**/MF **A01**

**TR-36**

Reactions between Alkyl Grignard Reagents and Aminophosphazenes Synthesis of Alkyl-chloro-cyclotriphosphazenes.
AD-A146 283/7 **01**-*500,948* PC **A03**/MF **A01**

Electrochemical Features of the Ferric Sulfate Leaching of CuFeS2/C Aggregates.
AD-A148 661/2 **06**-*513,222* PC **A03**/MF **A01**

Plastic Deformation of Crystalline Polymers.
AD-A152 090/7 **13**-*529,515* PC **A03**/MF **A01**

Luminescence Quenching of the Tris(2,2'-bipyrazine) Ruthenium(II) Cation, and Its Monoprotonated Complex.
AD-A152 375/2 **14**-*531,448* PC **A03**/MF **A01**

**TR-36-ONR**

Towards a Statistical Analysis of Genetic Sequences Data with Particular Reference to Protein Sequences.
AD-A153 605/1 **16**-*535,661* PC **A06**/MF **A01**

**TR-37**

Homogeneous Reaction Involving Components of Different Redox Couples. I. Theoretical Considerations and Digital Simulation.
AD-A148 666/1 **06**-*513,227* PC **A03**/MF **A01**

Thermolysis of 4-Methyl-4-(1-propenyl)malonyl Peroxide: Mechanistic Limits to Chemiluminescence Efficiency.
AD-A151 567/5 **12**-*526,663* PC **A02**/MF **A01**

Improved Torsional Method for Determining the Fracture Toughness of Stiff Materials and of Adhesive Joints.
AD-A152 091/5 **13**-*529,703* PC **A02**/MF **A01**

Techniques for Operating Charge Coupled Devices (CCD's) in Very High Speed Framing Mode.
AD-A152 878/5 **15**-*534,330* PC **A02**/MF **A01**

Photodecomposition of Water Vapor Over TiO2 Catalysts Doped with Ta2O5.
AD-A156 524/1 **21**-*547,817* PC **A02**/MF **A01**

**TR-37-ONR**

Robust Estimator of Location Using an Adaptive Spline Model.
AD-A153 662/2 **16**-*536,190* PC **A05**/MF **A01**

**TR-38**

Construction and Behaviour of Ultramicroelectrodes: Investigations of Novel Electrochemical Systems.
AD-A148 658/8 **06**-*513,219* PC **A03**/MF **A01**

Construction Techniques of a Molecular Hydrogen Laser.
AD-A152 928/8 **15**-*534,768* PC **A02**/MF **A01**

CO and CO2 Hydrogenation over Metal Oxides: A Comparison of ZnO, TiO2 and ZrO2.
AD-A156 307/1 **21**-*547,750* PC **A02**/MF **A01**

**TR-39**

Adsorption of Acrylonitrile at a Gold Electrode: An EMIRS Measurement of the Electrochemical Stark Effect.
AD-A148 664/6 **06**-*513,225* PC **A02**/MF **A01**

Noncontinuum Solvent Effects Upon the Intrinsic Free-Energy Barrier for Electron-Transfer Reactions.
AD-A150 662/5 **11**-*523,948* PC **A03**/MF **A01**

Photoionization Mass Spectrometry with VUV Hydrogen Laser Source.
AD-A153 362/9 **15**-*533,535* PC **A02**/MF **A01**

**TR-40**

Homogeneous Reaction Involving Components of Different Redox Couples. 2. Polarographic Studies of the Interactions of Alkali Metal Cations with Anthracene and Fluoroanthene Dianions in N,N-dimethylformamide and Acetonitrile.
AD-A148 667/9 **06**-*513,228* PC **A03**/MF **A01**

Evaluation of Unimolecular Rate Constants for Some Outer-Sphere Electrochemical Reactions.
AD-A150 758/1 **11**-*523,955* PC **A03**/MF **A01**

**TR-40/7086/M**

Interaction Fatigue - Fluage dans les Composites Carbone/Resine + or - 45 degrees (Interaction Fatigue - Creep in Carbon/Resin Compounds + or - 45 degrees),
PB85-141588 **07**-*514,982* PC **E04**/MF **E04**

**TR-41**

Ligand Structural Influences upon Electrochemical Reactivity: Organic Substituent Effects upon Carboxylatopentaamminecobalt(III) Reductions at Mercury and Gold Electrodes.
AD-A150 685/6 **11**-*523,950* PC **A03**/MF **A01**

Reinforced Concrete Models for Seismic Response.
PB85-164408 **11**-*524,781* PC **E03**/MF **E01**

**TR-42**

Intramolecular Electron Transfer at Metal Surfaces. V. Pendant Substituent Effects upon Thiocarboxylate-Bridged Cobalt(III) Reduction Kinetics at Mercury and Gold Electrodes.
AD-A150 647/6 **11**-*523,946* PC **A02**/MF **A01**

Use of Non-Local, Nonlinear Friction Laws in the Finite Element Analysis of Contact Problems in Elasticity.
PB85-164416 **11**-*525,591* PC **E04**/MF **E01**

**TR-43**

Influence of Uncompensated Solution Resistance Upon the Evaluation of Rate Constants for Rapid Electrochemical Reactions.
AD-A150 657/5 **11**-*523,947* PC **A02**/MF **A01**

Discovery of a Nonpropagating Hydrodynamic Soliton.
AD-A155 569/7 **19**-*543,994* PC **A06**/MF **A01**

**TR-44**

Intermolecular Energy Transfer between the Individual Zero-Field Levels of Triplet Traps in an Orientationally Disordered Solid.
AD-A150 751/6 **11**-*523,954* PC **A02**/MF **A01**

Modulations of Driven Nonlinear Surface Waves on Water and Liquid Helium-4.
AD-A157 958/0 **24**-*556,622* PC **A12**/MF **A01**

Damage Constitutive Model for Geotechnical Applications.
PB85-157329 **10**-*522,459* PC **E04**/MF **E01**

**TR-45**

Fractal-Like, but Non-Fractal, Behavior of One Step Dipolar Energy Transfer on Regular Lattices with Excluded Volume.
AD-A157 382/3 **23**-*553,120* PC **A02**/MF **A01**

Predictions of Permanent Deformation of Impulsively Loaded Simply Supported Square Tube Steel Beams.
PB85-157246 **10**-*522,458* PC **E04**/MF **E01**

**TR-46**

Central Arctic Ocean Sediment Texture: A Key to Ice Transport Mechanisms.
AD-A150 633/6 **10**-*521,832* PC **A03**/MF **A01**

**TR-47**

A Late Cenozoic Stratigraphy for Glacial-Marine Sediments of the Eastern Alpha Cordillera, Central Arctic Ocean.
AD-A150 636/9 **10**-*521,835* PC **A03**/MF **A01**

**TR-48**

Least Squares Estimation of Conditionally Heteroscedastic Autoregressions.
AD-A145 994/0 **01**-*501,623* PC **A02**/MF **A01**

Stratigraphy and Sedimentology of Ice-Rafted and Turbidite Sediment.
AD-A150 716/9 **11**-*524,095* PC **A03**/MF **A01**

**TR-49**

Central Arctic Ocean Response to Pleistocene Earth-Orbital Variations.
AD-A150 632/8 **10**-*521,892* PC **A02**/MF **A01**

**TR-50**

Cenozoic Sedimentation Patterns in the Evolving Arctic Ocean: Canada Basin and Alpha-Chukchi Region to Lomonosov Ridge.
AD-A150 634/4 **10**-*521,833* PC **A02**/MF **A01**

**TR-51**

Correlation of Marine and Continental Glacial and Interglacial Events, Arctic Ocean and Banks Island.
AD-A150 635/1 **10**-*521,834* PC **A02**/MF **A01**

Comparison of Freshwater Use Customs on Ulithi Atoll with Those of Selected Other Micronesian Atolls,
PB85-227338 **22**-*550,690* PC **A03**/MF **A01**

**TR-52**

Data Based Algorithm for Choosing the Window Width when Estimating the Integral of f2(x).
AD-A152 093/1 **13**-*529,552* PC **A03**/MF **A01**

Hydrogeology of Deke Island, Pingelap Atoll, Eastern Caroline Islands.
PB85-232809 23-*552,676* PC **A17**/MF **A01**

**TR-53**

Analytic and Sequential Feynman Integrals on Abstract Wiener and Hilbert Spaces, and A Cameron-Martin Formula. Revision.
AD-A146 969/1 02-*504,114* PC **A03**/MF **A01**

Review of Some Aspects of Robust Inference for Time Series.
AD-A149 706/4 09-*519,438* PC **A03**/MF **A01**

Confidence Intervals Based on Interpolated Order Statistics.
AD-A152 607/8 14-*531,925* PC **A02**/MF **A01**

Comparative Laboratory Study of Sewage Treatment by a Capillary Siphon Trench System Versus a Conventional Leaching Trench System,
PB85-227320 22-*550,689* PC **A03**/MF **A01**

**TR-55**

Spectral Albedos of Sea Ice and Incident Solar Irradiance in the Southern Beaufort Sea.
AD-A157 048/0 23-*552,723* PC **A02**/MF **A01**

**TR-56**

Tests for Patterned Alternatives.
AD-A158 891/2 25-*558,532* PC **A03**/MF **A01**

**TR-59**

Benthic and Sedimentological Studies of the Georgetown Ocean Dredged Material Disposal Site.
AD-A153 478/3 16-*535,907* PC **A06**/MF **A01**

**TR-63**

Moving Nonlocal Crack: Anti-Plane Shear Case.
AD-A149 996/1 09-*520,694* PC **A03**/MF **A01**

Uniform Interfaces for Distributed Systems.
AD-A155 111/8 19-*542,994* PC **A07**/MF **A01**

**TR-67**

Overlap Integrals for Atom-Metal Surface Interactions.
AD-A155 038/3 18-*540,318* PC **A02**/MF **A01**

**TR-68**

Activity and Pre-Emergence Selectivity of Some Recently Developed Herbicides: WL 49818, WL 82830, WL 83627, WL 83801, and DPX 5648.
PB85-186104 15-*533,232* PC **E05**/MF **E05**

**TR-69**

Activity and Late Post-Emergence Selectivity of Some Recently Developed Herbicides: AC 252925, DOWCO 453, HOE 33171 and HOE 35609.
PB85-186112 15-*533,233* PC **E05**/MF **E05**

**TR-72**

Symmetry Group and Exponents of Operator Stable Probability Measures.
AD-A147 187/9 02-*504,124* PC **A02**/MF **A01**

More Limit Theory for the Sample Correlation Function of Moving Averages.
AD-A148 975/6 07-*515,021* PC **A03**/MF **A01**

**TR-73**

Non-Commutative Quasi Subadditive Ergodic Theorem.
AD-A146 810/7 02-*504,100* PC **A02**/MF **A01**

**TR-74**

Limiting Distributions of Functionals of Markov Chains.
AD-A147 832/0 04-*509,486* PC **A03**/MF **A01**

Acute Toxicity Studies of Cesium and Rubidium Compounds,
PB85-178341 14-*531,338* PC **A03**/MF **A01**

Activity and Post-Emergence Selectivity of Some Recently Developed Herbicides: AC 252214, DPX-T6376, and Chlorazifop.
PB85-186120 15-*533,234* PC **E04**/MF **E04**

**TR-75**

Infinite Order Autoregressive Representations of Multivariate Stationary Stochastic Processes.
AD-A147 863/5 04-*509,489* PC **A02**/MF **A01**

**TR-76**

Probability Generating Functional for Point Processes.
AD-A147 692/8 04-*509,479* PC **A02**/MF **A01**

**TR-77**

Local Dependence and Point Processes of Exceedances in Stationary Sequences.
AD-A147 859/3 04-*509,487* PC **A02**/MF **A01**

**TR-78**

Note on the Prediction Error for Small Time Lags into the Future.
AD-A148 221/5 05-*511,741* PC **A02**/MF **A01**

**TR-79**

Skewed Stable Variables and Processes.
AD-A150 549/4 10-*522,198* PC **A03**/MF **A01**

**TR-80**

Asymptotic behavior of the Likelihood Ratio Statistic for Testing a Shift in Mean in a Sequence of Independent Normal Variates.
AD-A149 329/5 08-*516,934* PC **A02**/MF **A01**

**TR-81**

Stable Measures and Processes in Statistical Physics.
AD-A149 592/8 09-*520,623* PC **A02**/MF **A01**

**TR-81-1**

Surface-Wave Displacement: Absolute Measurements Using a Capacitive Transducer.
AD-A148 920/2 07-*515,197* PC **A02**/MF **A01**

**TR-82**

Statistical Approach to Relaxation in Glassy Materials.
AD-A151 285/4 12-*528,080* PC **A02**/MF **A01**

Effects of Disinfection Techniques on Chesapeake Bay Sediments.
PB85-214849 20-*545,766* PC **A04**/MF **A01**

**TR-82-1**

Acoustic Emission Transducer Calibration by Means of the Seismic Surface Pulse.
AD-A148 921/0 07-*515,513* PC **A02**/MF **A01**

**TR-83**

Point Processes Associated with Extreme Value Theory.
AD-A151 211/0 12-*527,167* PC **A05**/MF **A01**

Impact of Point and Non-Point Nutrient Enrichment on the Dynamics of Natural Phytoplankton.
PB85-214856 20-*545,105* PC **A04**/MF **A01**

**TR-83-04-VOL-1**

Archeological Investigations within Federal Lands Located on the East Bank of the Lake Sharpe Project Area, South Dakota: 1978-1979. Volume 1. Covering Report.
AD-A148 781/8 06-*512,856* PC **A07**/MF **A01**

**TR-83-04-VOL-2-APP-1**

Archeological Investigations within Federal Lands Located on the East Bank of the Lake Sharpe Project Area, South Dakota. 1978-1979. Volume 2. Appendix 1 Contributing Reports A-H.
AD-A148 719/8 06-*512,854* PC **A22**/MF **A01**

**TR-83-04-VOL-3**

Archeological Investigations within Federal Lands Located on the East Bank of the Lake Sharpe Project Area, South Dakota: 1978-1979. Volume 3. Appendix 1. Contributing Reports I-O. Appendix 2. Scope of Work, Amendment P00001.
AD-A148 782/6 06-*512,857* PC **A14**/MF **A01**

**TR-83-08**

Computational Methods for Nonlinear Dynamics Problems in Solid and Structural Mechanics.
AD-A148 352/8 05-*512,511* PC **A09**/MF **A01**

**TR-83-14**

Methane Production Characteristics of Deeply Buried Coalbed Reservoirs. Annual Report, February 1982-January 1983,
PB85-176154 12-*526,854* PC **A06**/MF **A01**

**TR-83-44**

Statistical Approach to Vendor Selection.
AD-A149 781/7 09-*519,446* PC **A03**/MF **A01**

**TR-83-153-01**

Westvaco Luke, Maryland Monitoring Program: Data Analysis and Disperson Model Validation.
PB85-119287 03-*506,707* PC **A11**/MF **A01**

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**TR-84**

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**TR-84-1**

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**TR-84-02-ONR**

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**TR-84-3**

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**TR-84-4**

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**TR-84-7**

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**TR-84-37**

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**TR-84-39**

Computer Package for Ranking, Selection, and Multiple Comparisons with the Best.
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**TR-84-51**
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**TR-0084(4510)-1**
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**TR-0084(4925-04)-3**
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**TR-0084(4925-07)-1**
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**TR-0084(4940-05)-06**
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AD-A147 927/8 **04**-*508,045* PC **A03**/MF **A01**

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**TR-0084(4945-06)-4**
Effect of Thin-Film Growth Mode on XPS/UPS/AES Intensities.
AD-A146 284/5 **01**-*501,011* PC **A03**/MF **A01**

**TR-0084(9975)-3**
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**TR-0084A(5404-30)-1**
Lifetime and Reliability of Rubidium Discharge Lamps for Use in Atomic Frequency Standards.
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**TR-0084A(5409-73)-1**
Cassegrain Reflector Sidelobe Reduction Study.
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**TR-0084A(5417-01)-1**
Radiometer Integrated into a Communication Terminal.
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**TR-0084A(5476-04)-1**
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AD-A156 098/6 **21**-*548,008* PC **A04**/MF **A01**

**TR-0084A(5925-01)-1**
Application of a Resistance Heater to the MOCVD (Metal-Organic Chemical Vapor Deposition) Growth of Undoped and Se-Doped GaAS.
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**TR-0084A(5925-04)-1**
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AD-A151 616/0 **12**-*526,968* PC **A02**/MF **A01**

**TR-0084A(5935-04)-3**
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Interferometric Creep Testing.
AD-A154 249/7 **17**-*538,677* PC **A03**/MF **A01**

**TR-0084A(5935-12)-1**
Precision Interferometric Dilatometer.
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**TR-0084A(5940-01)-1**
Solar Coronal X-Ray Spectrum 5.5-12 A.
AD-A152 334/9 **14**-*530,864* PC **A03**/MF **A01**

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AD-A157 323/7 **23**-*551,988* PC **A02**/MF **A01**

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AD-A152 320/8 **14**-*530,894* PC **A03**/MF **A01**

**TR-0084A(5940-05)-3**
Alternative Interpretation of Ion Ring Distribution Observed by the S3-3 Satellite.
AD-A157 655/2 **23**-*552,014* PC **A02**/MF **A01**

**TR-0084A(5940-05)-6**
Potential Structures and Particle Acceleration on Auroral Field Lines.
AD-A156 694/2 **22**-*549,404* PC **A03**/MF **A01**

**TR-0084A(5940-05)-7**
Review of SCATHA (Spacecraft Charging at High Altitudes) Satellite Results: Charging and Discharging.
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Reaction of Perfluoropolyalkylether Oil with FeF(3), AlF(3), and AlCl(3) at Elevated Temperatures.
AD-A155 030/0 **18**-*540,316* PC **A03**/MF **A01**

**TR-0084A(5945-05)-1**
Harmonic Saturated Spectroscopy for Interference Rejection in Molecular Photoacoustic Infrared Detection.
AD-A157 025/8 **22**-*549,983* PC **A03**/MF **A01**

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Dressed Atom Interpretation of Adiabatic Rapid Passage.
AD-A157 071/2 **23**-*554,287* PC **A02**/MF **A01**

**TR-0084A(5945-05)-3**
Microwave Field Strength Measurement in a Rubidium Clock Cavity via Adiabatic Rapid Passage.
AD-A157 070/4 **23**-*553,636* PC **A02**/MF **A01**

**TR-0084A(5945-05)-4**
Parameters of Adiabatic Rapid Passage in the O-O Hyperfine Transition of (87)Rb.
AD-A158 562/9 **25**-*557,935* PC **A03**/MF **A01**

**TR-0084A(5945-05)-5**
Use of Wall-Coated Cells in Atomic Frequency Standards.
AD-A157 435/9 **23**-*553,640* PC **A02**/MF **A01**

**TR-0084A(5945-05)-6**
Inhomogeneous Light Shift in Alkali Atoms.
AD-A157 498/7 **23**-*554,232* PC **A03**/MF **A01**

**TR-0084A(5945-06)-2**
Photochemical Oxidation of GaAs.
AD-A153 689/5 **16**-*536,926* PC **A03**/MF **A01**

**TR-0084A(5945-07)-1**
Theoretical Model of Hg(1-x)Cd(x)Te Photovoltaic and Photoconductive Infrared Detectors.
AD-A158 668/4 **25**-*558,130* PC **A02**/MF **A01**

**TR-0084A(9975)-1**
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AD-A158 827/6 **25**-*558,177* PC **A05**/MF **A01**

**TR-85**
Acquisition of Procedures from Text. A Production-System Analysis of Transfer of Training.
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Stochastic Integration for Operator Valued Processes on Hilbert Spaces and on Nuclear Spaces.
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**TR-85-01**
Robust Tests of Mean Vector in Symmetrical Multivariate Distributions.
AD-A153 116/9 **15**-*534,086* PC **A02**/MF **A01**

Laboratory Research: A Question of When, Not If.
AD-A153 298/5 **15**-*533,023* PC **A03**/MF **A01**

Multiplying Slot Array.
AD-A155 570/5 **19**-*543,066* PC **A07**/MF **A01**

Acid-Base Behavior of Carboxylic Acid Groups Covalently Attached at the Surface of Polyethylene: The Usefulness of Contact Angle in Following the Ionization of Surface Functionality,
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**TR-85-1-ONR**
Simultaneous Estimation of Regression Functions for Marine Corps Technical Training Specialties.
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Cognitive Science Program. Hierarchical Distributed Networks in the Neuropsychology of Selective Attention.
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Skill Acquisition: Compilation of Weak-Method Problem Solutions.
AD-A158 725/2 **25**-*557,553* PC **A04**/MF **A01**

**TR-85-2**
Job Knowledge, Ratee Familiarity, Conceptual Similarity, and Halo Error: An Exploration.
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**TR-85-2-ONR**
Predicting Success in Training for Males and Females: Marine Corps Clerical Specialties and ASVAB Forms 6 and 7.
AD-A152 080/8 **13**-*528,613* PC **A04**/MF **A01**

**TR-85-03**
Inequality and Its Application to the Truncated Distributions.
AD-A153 115/1 **15**-*534,085* PC **A02**/MF **A01**

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**TR-85-3-ONR**

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Force and Timing Components of the Motor Program.
AD-A157 584/4 **23**-*552,202* PC **A04**/MF **A01**

**TR-85-04**

Detection of Multivariate Outliers with Dispersion Slippage in Elliptically Symmetric Distributions.
AD-A153 785/1 **16**-*536,191* PC **A02**/MF **A01**

Carbon Fiber Strainmeter Studies in Southern California.
PB85-196889 **17**-*537,862* PC **A03**/MF **A01**

**TR-85-4-ONR**

Bayesian Full Rank Marginalization for Two-Way Contingency Tables.
AD-A153 841/2 **16**-*536,196* PC **A04**/MF **A01**

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**TR-85-5-ONR**

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**TR-85-06**

Characterization of Nonnegatively Estimable Linear Combinations of Variance Components.
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**TR-85-07-03**

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**TR-85-7-ONR**

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**TR-85-08**

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**TR-85-8-ONR**

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**TR-85-10**

Graphical Similarity Measure for Time Series Models.
AD-A158 869/8 **25**-*558,528* PC **A02**/MF **A01**

**TR-85-11**

Short Bibliography of Recent Developments in Selection and Ranking Procedures.
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**TR-85-14**

Inference on the Ranks of the Canonical Correlation Matrices for Elliptically Symmetric Populations.
AD-A158 268/3 **24**-*555,849* PC **A03**/MF **A01**

**TR-85-16**

Selection and Ranking Procedures in Reliability Models.
AD-A157 864/0 **24**-*556,169* PC **A03**/MF **A01**

**TR-85-17**

Spectra for Large Dimensional Random Matrices.
AD-A158 256/8 **24**-*555,847* PC **A02**/MF **A01**

**TR-85-18**

Alternate Derivation of the Distribution of the Conditioned Signal-to-Noise Ratio.
AD-A158 257/6 **24**-*555,579* PC **A02**/MF **A01**

**TR-85-19**

Note on the Integrated Cauchy Functional Equation.
AD-A158 269/1 **24**-*555,850* PC **A02**/MF **A01**

**TR-85-20**

Asymptotic Distribution of the Test Statistic for the Mean of the Non-Isotropic Principal Component.
AD-A158 255/0 **24**-*555,846* PC **A02**/MF **A01**

**TR-85-22**

Variant of Shanbhag's Lemma Arising out of a Modified Rao-Rubbin Condition.
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**TR-85-24**

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**TR-85-94**

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**TR-85-177-AFOSR**

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**TR-85-668**

Replication and Fault-Tolerance in the ISIS System.
AD-A157 775/8 **24**-*555,491* PC **A02**/MF **A01**

**TR-85/ONR-17**

Potential for Advanced Computerized Aids for Comprehensible Writing of Technical Documents.
AD-A150 501/5 **10**-*521,940* PC **A03**/MF **A01**

**TR-85/ONR-20**

Improving the Comprehensibility of a Simulated Technical Manual.
AD-A157 482/1 **23**-*552,198* PC **A04**/MF **A01**

**TR-85/ONR-21**

Rules for Comprehensible Technical Prose: A Survey of the Psycholinguistic Literature.
AD-A157 586/9 **23**-*552,164* PC **A03**/MF **A01**

**TR-85/ONR-22**

Augmented Computerized Readability Editing System.
AD-A157 491/2 **23**-*552,801* PC **A02**/MF **A01**

**TR-86**

Estimating Random Integrals from Noisy Observations: Sampling Designs and Their Performance.
AD-A152 926/2 **15**-*534,074* PC **A04**/MF **A01**

**TR-87**

Moment Inequalities for Real and Vector p-Stable Stochastic Integrals.
AD-A153 790/1 **16**-*536,194* PC **A02**/MF **A01**

**TR-88**

Stochastic Integral Representation of Stable Processes with Sample Paths in Banach Spaces.
AD-A152 927/0 **15**-*534,075* PC **A03**/MF **A01**

**TR-89**

Exceedance Point Process for a Stationary Sequence.
AD-A152 827/2 **15**-*534,071* PC **A02**/MF **A01**

**TR-90**

Trivariate Version of 'Levy's Equivalence.
AD-A153 157/3 **15**-*534,089* PC **A02**/MF **A01**

**TR-91**

Bilaterally Deterministic rho-Mixing Stationary Random Sequence.
AD-A152 856/1 **15**-*534,072* PC **A02**/MF **A01**

**TR-93**

Limit Behaviour for Stochastic Monotonicity and Applications.
AD-A153 814/9 **16**-*536,210* PC **A03**/MF **A01**

**TR-94**

Extent to which Least-Squares Cross-Validation Minimises Integrated Square Error in Nonparametric Density Estimation.
AD-A153 789/3 **16**-*536,193* PC **A03**/MF **A01**

**TR-96R**

Nonparametric Maximum Penalized Likelihood Estimation of a Density from Arbitrarily Right-Censored Observations.
AD-A148 754/5 **06**-*513,648* PC **A02**/MF **A01**

**TR-97**

Number of Bootstrap Simulations Required to Construct a Confidence Interval.
AD-A158 880/5 **25**-*558,531* PC **A02**/MF **A01**

**TR-98**

Stochastic Integrals and Processes with Independent Increments.
AD-A158 939/9 **25**-*558,537* PC **A04**/MF **A01**

**TR-98R**

Asymptotically Optimal Subclass of BTIB Designs for Comparisons with a Control.
AD-A149 819/5 **09**-*519,449* PC **A03**/MF **A01**

**TR-99**

Degenerate Multivariate Stationary Processes: Basicity, Past and Future, and Autoregressive Representation.
AD-A158 879/7 **25**-*558,530* PC **A03**/MF **A01**

**TR-101**

Kernel Type Estimator of a Quantile Function from Right-Censored Data.
AD-A148 753/7 **06**-*513,647* PC **A02**/MF **A01**

**TR-102**

Small-Sample Properties of Kernel Density Estimators from Randomly Right-Censored Data.
AD-A148 752/9 **06**-*513,646* PC **A03**/MF **A01**

Basic Properties of Strong Mixing Conditions.
AD-A158 740/1 **25**-*558,525* PC **A03**/MF **A01**

**TR-103**

Nonparametric Estimation of Density and Hazard Rate Functions when Samples are Censored.
AD-A150 946/2 **11**-*524,535* PC **A03**/MF **A01**

Representing Dynamic Skill Knowledge.
AD-A152 589/8 **14**-*531,162* PC **A04**/MF **A01**

**TR-103-2**

Modification of Fish Ladders at John Day Dam Columbia River, Oregon and Washington. Hydraulic Model Investigation.
AD-A145 949/4 **01**-*501,718* PC **A06**/MF **A01**

Modification of Fish Ladders at John Day Dam, Columbia River, Oregon and Washington; Hydraulic Model Investigation.
AD-A146 398/3 **01**-*501,733* PC **A09**/MF **A01**

**TR-104**

Computer Aided of Maintainability Design: A Feasibility Study.
AD-A149 293/3 **08**-*516,594* PC **A03**/MF **A01**

**TR-104-1**

Spillway Deflectors at Bonneville, John Day and McNary Dams on Columbia River, Oregon-Washington and Ice Harbor, Lower Monumental and Little Goose Dams on Snake River, Washington. Hydraulic Model Investigation.
AD-A148 863/4 **07**-*515,078* PC **A14**/MF **A01**

**TR-107**

Power Functions of Test Statistics in Order Restricted Inference.
AD-A147 126/7 **02**-*504,121* PC **A04**/MF **A01**

**TR-112-18**

Nonlinear Regression Procedure for Evoked Potential Data Analysis.
AD-A157 680/0 **24**-*555,212* PC **A03**/MF **A01**

**TR-112-19**

Statistical Research on Problems of Biodynamics.
AD-A157 993/7 **24**-*555,215* PC **A02**/MF **A01**

**TR-114**

Investigations of Laser Initiated Discharge Channels.
AD-A158 872/2 **25**-*559,449* PC **A03**/MF **A01**

**TR-115-10**

Survey of Current and Potential Users of the Weapon System Support Cost (WSSC) System.
AD-A155 116/7 **19**-*543,738* PC **A05**/MF **A01**

**TR-115-11**

Evaluation of the WSSC (Weapon System Support Cost) Cost Allocation Algorithms. VII. Quantitative and Data-Related Topics.
AD-A155 115/9 **19**-*543,737* PC **A05**/MF **A01**

**TR-115-12**

Evaluation of the WSSC (Weapon System Support Cost) Cost Allocation Algorithms. VIII. Second Destination Transportation.
AD-A155 114/2 **19**-*543,736* PC **A03**/MF **A01**

**TR-116-1**

Statistical Research Support on Navy Fire Protection and Fuel Technology Programs.
AD-A146 349/6 **01**-*502,663* PC **A02**/MF **A01**

Dworshak Dam, North Fork Clearwater River, Idaho. Hydraulic Model Investigation.
AD-A148 864/2 **07**-*515,079* PC **A11**/MF **A01**

**TR-118-1**

Navigation Channel Improvement, Columbia River, Oregon and Washington - Longview to Kalama Reach, River Miles 64 to 78. Hydraulic Model Investigation.
AD-A149 374/1 **08**-*517,078* PC **A10**/MF **A01**

Evaluation of the C-E Cost Allocation Algorithms. Volume 1. Unit Mission Personnel.
AD-A155 363/5 **19**-*542,299* PC **A04**/MF **A01**

**TR-118-2**

Evaluation of the C-E Cost Allocation Algorithms. Volume 2. Unit Level Consumption.
AD-A155 364/3 **19**-*542,300* PC **A03**/MF **A01**

**TR-118-3**

Evaluation of the C-E Cost Allocation Algorithms. Volume 3. Depot Maintenance and Replacement Investment.
AD-A155 365/0 **19**-*542,301* PC **A04**/MF **A01**

**TR-118-4**

Methodology Underlying COSTCASTER, A Cost-Prediction and Trade-Off Model for Air Force Ground C-E Equipment.
AD-A155 369/2 **19**-*543,743* PC **A04**/MF **A01**

**TR-118-5**

Evaluation of the C-E Cost Allocation Algorithms. Volume 4. Installation Support.
AD-A155 366/8 **19**-*542,302* PC **A04**/MF **A01**

**TR-118-6**

Evaluation of the C-E Cost Allocation Algorithms. Volume 5. Indirect Personnel.
AD-A155 367/6 **19**-*542,303* PC **A03**/MF **A01**

**TR-118-7**

Evaluation of the C-E Cost Allocation Algorithms. Volume 6. Depot Non-Maintenance and Advanced Training.
AD-A155 368/4 **19**-*542,304* PC **A03**/MF **A01**

**TR-120**

Design, Tuning and Performance Evaluation of an Automated Pulmonary Nodule Detection System.
AD-A150 940/5 **11**-*523,709* PC **A05**/MF **A01**

**TR-120-1**
HAWKLOC: A Near Horizon Target Localization Program.
AD-A146 603/6 **01**-*502,334* PC **A04**/MF **A01**

**TR-120-2**
Research on a Tactical Decision Aid for Near-Horizon Emitter Location.
AD-A153 064/1 **15**-*534,517* PC **A02**/MF **A01**

**TR-121-1**
Lower Granite Dam, Snake River, Washington; Hydraulic Model Investigations.
AD-A146 499/9 **01**-*501,736* PC **A08**/MF **A01**

**TR-123**
Three Image Experts which help Distinguish Lung Tumors from Non-Tumors.
AD-A150 646/8 **11**-*523,704* PC **A02**/MF **A01**

**TR-124**
Synthesis, Structural Characterization and Reactions of closo-Rhodacarborane Anions Containig a Formal d8 Metal Vertes.
AD-A149 640/5 **09**-*518,825* PC **A04**/MF **A01**

Vibrational Power Transmission of an Idealised Gearbox.
PB85-139632 **07**-*515,170* PC **E06**/MF **E06**

**TR-124-1**
Navigation Channel Improvement, Columbia River, Oregon and Washington - Oak Point to Longview Reach, River Miles 53 to 65. Hydraulic Model Investigation.
AD-A149 378/2 **08**-*517,079* MF **A01**

**TR-124-REV**
Rochester Connectionist Papers: 1979-1984. Revision.
AD-A150 831/6 **11**-*524,232* PC **A02**/MF **A01**

**TR-126**
Power System Dispatcher Modeling in the Emergency State. First Annual Report.
DE85009347 **17**-*538,129* PC **A07**/MF **A01**

**TR-126-REV**
HORNE Reasoning System. Revision.
AD-A150 983/5 **11**-*524,237* PC **A04**/MF **A01**

**TR-128**
IC (Integrated Circuits) Layout Generation and Compaction Using Mathematical Optimization.
AD-A150 744/1 **11**-*524,292* PC **A06**/MF **A01**

**TR-131**
Semantic Networks and Neural Nets.
AD-A150 750/8 **11**-*523,702* PC **A06**/MF **A01**

Relationship between Soil Moisture Storage and Deep Percolation and Subsurface Return Flow.
PB85-211688 **19**-*542,976* PC **A05**/MF **A01**

**TR-132**
Reliable Computation with Cellular Automata.
AD-A150 656/7 **11**-*524,220* PC **A04**/MF **A01**

**TR-134**
Sprinkler Irrigation as an Energy and Water Saving Approach to Rice Production and Management of Riceland Pests.
PB85-203982 **19**-*542,136* PC **A11**/MF **A01**

**TR-135**
Optical Phenomena in Computer Vision.
AD-A152 970/0 **15**-*533,801* PC **A03**/MF **A01**

**TR-136**
Using Color to Separate Reflection Components.
AD-A150 999/1 **11**-*524,239* PC **A03**/MF **A01**

**TR-137-1**
Bonneville Second Powerhouse Columbia River, Oregon and Washington. Hydraulic Model Investigation.
AD-A146 974/1 **02**-*504,264* PC **A08**/MF **A01**

**TR-141**
Plan Recognition Model for Subdialogues in Conversations.
AD-A150 832/4 **11**-*523,526* PC **A03**/MF **A01**

**TR-143**
Visual Recognition of Simple Objects by a Connection Network.
AD-A151 043/7 **11**-*524,242* PC **A03**/MF **A01**

**TR-154**
Power System Dispatcher Modeling in the Emergency State. Second Annual Report.
DE85009544 **17**-*538,131* PC **A04**/MF **A01**

**TR-158-1**
Moose Creek Dam Outlet Works and Diversion Channel Chena River Lakes Project, Alaska. Hydraulic Model Investigation.
AD-A147 036/8 **02**-*504,270* PC **A11**/MF **A01**

**TR-160**
Chemical Constituents of Rainfall at Different Locations on Oahu, Hawaii.
PB85-232866 **23**-*553,457* PC **A03**/MF **A01**

**TR-160-473**
Extended Two-Target Differential Game Model for Medium-Range Air Combat Game Analysis.
N85-29687/9 **21**-*548,766* PC **A02**/MF **A01**

**TR-161**
Replication of Human Rotavirus in Tissue Culture: Recovery and Detection in Fecal, Sewage, and Natural Water Samples.
PB85-232858 **23**-*552,286* PC **A03**/MF **A01**

**TR-164**
Water-Use Coefficients and Resource Multipliers for Oahu, Hawaii,
PB85-232841 **23**-*553,456* PC **A03**/MF **A01**

**TR-165**
Reppun v. Board of Water Supply: Property Rights, Economic Efficiency and Ensuring Minimum Streamflow Standards,
PB85-232874 **23**-*552,138* PC **A04**/MF **A01**

**TR-166**
Design of a Drought Management Exercise: Simulation Gaming Applied to the Indianapolis Water Supply System.
PB85-226330 **22**-*550,679* PC **A04**/MF **A01**

**TR-167**
Single-Well, Multiple-Pulse Tracer Technique for Estimating Ground Water Velocities and Pollutant Transport Rates: Theoretical Development.
PB85-225845 **22**-*550,111* PC **A03**/MF **A01**

**TR-168**
Effects of Pollution on Growth of Midwestern Mussel Shells.
PB85-225878 **22**-*549,753* PC **A02**/MF **A01**

**TR-169**
Lateral Moisture Movements in Unsaturated Anisotropic Media.
PB85-225860 **22**-*550,166* PC **A06**/MF **A01**

**TR-170**
Magnetostatic-Wave Propagation in a Finite YIG-Loaded Rectangular Waveguide.
AD-A150 332/5 **10**-*523,123* PC **A08**/MF **A01**

Evaluation of Non-Point Pollution Control Practices and Copper Treatments on Control of Nuisance Filamentous Algae.
PB85-225886 **22**-*549,849* PC **A04**/MF **A01**

**TR-171**
Measurement Methods for Accurate Microwave Characterization and Modeling of MESFET Chips.
AD-A152 360/4 **14**-*531,627* PC **A12**/MF **A01**

**TR-171-1**
Applegate Dam Spillway and Outlet Works, Applegate River, Oregon. Hydraulic Model Investigation.
AD-A147 010/3 **02**-*504,268* PC **A09**/MF **A01**

**TR-175**
Ecophysiological Bases of Salt Tolerance in 'Distichlis spicata': Background for Domestication.
PB85-215010 **20**-*544,531* PC **A06**/MF **A01**

**TR-180**
Hybrid State Estimation Approach to Multiobject Tracking for Airborne Surveillance Radars,
AD-A148 459/1 **05**-*512,194* PC **A06**/MF **A01**

**TR-195**
Ground Movements Caused by Trench Excavation and the Effect on Adjacent Buried Pipelines.
PB85-180107 **14**-*532,119* PC **E08**/MF **E08**

**TR-197**
Review of the Toxicity of Aluminium in Fresh Water.
PB85-180081 **16**-*535,669* PC **E06**/MF **E06**

**TR-198**
Biological Filtration of Finely-Screened Sewage.
PB85-180065 **16**-*536,256* PC **E06**/MF **E06**

**TR-201**
Investigations of Sewage Discharges to Some British Coastal Waters. Chapter 8. Bacterial Mortality, Part 1.
PB85-179984 **16**-*535,909* PC **E06**/MF **E06**

**TR-203**
Nitrates in Surface Waters: Observations from Some Rivers in the Lee Drainage Basin.
PB85-180057 **14**-*532,117* PC **E06**/MF **E06**

**TR-204**
United Kingdom Water Quality Standards Arising from European Community Directives.
PB85-180099 **16**-*536,257* PC **E06**/MF **E06**

**TR-205**
Quantities of Some Heavy Metals Entering the North Sea.
PB85-180156 **16**-*535,951* PC **E06**/MF **E06**

**TR-206**
Proposed Environmental Quality Standards for List II Substances in Water: Introduction.
PB85-180073 **14**-*532,118* PC **E04**/MF **E04**

**TR-207**
Proposed Environmental Quality Standards for List II Substances in Water: Chromium.
PB85-180115 **14**-*532,120* PC **E07**/MF **E07**

**TR-208**
Proposed Environmental Quality Standards for List II Substances in Water: Inorganic Lead.
PB85-180016 **15**-*534,191* PC **E07**/MF **E07**

**TR-209**
Proposed Environmental Quality Standards for List II Substances in Water: Zinc.
PB85-180131 **14**-*532,121* PC **E06**/MF **E06**

**TR-210**
Proposed Environmental Quality Standards for List II Substances in Water: Copper.
PB85-180024 **14**-*532,115* PC **E07**/MF **E07**

**TR-211**
Proposed Environmental Quality Standards for List II Substances in Water: Nickel.
PB85-180040 **14**-*532,116* PC **E07**/MF **E07**

**TR-212**
Prematurely Terminated Sequential Tests for MIL-STD 781C.
AD-A148 417/9 **05**-*511,748* PC **A02**/MF **A01**

Proposed Environmental Quality Standards for List II Substances in Water: Arsenic.
PB85-179950 **14**-*532,114* PC **E07**/MF **E07**

**TR-212-1**
Automatic Control Design Procedures for Restructurable Aircraft Control.
N85-21173/8 **14**-*530,798* PC **A04**/MF **A01**

**TR-213**
Maximizing the Expected Lifetime of Replaceable Systems.
AD-A150 003/2 **09**-*519,846* PC **A05**/MF **A01**

Accuracy of Determination of Cadmium, Copper, Lead, Nickel and Zinc in River Waters.
PB85-180123 **14**-*531,581* PC **E06**/MF **E06**

**TR-214**
Fleet Maintenance System. System Design Model.
AD-A157 711/3 **24**-*556,181* PC **A02**/MF **A01**

Sample Collection Preservation and Storage. Analytical Quality Control in the Harmonised Monitoring Scheme.
PB85-180164 **16**-*536,398* PC **E06**/MF **E06**

**TR-216**
Epidemiological Studies of Water Re-Use and Type of Water Supply.
PB85-179976 **15**-*533,344* PC **E07**/MF **E07**

**TR-217**
Determination of Carbon Adsorbable Organo-Halide in Waters.
PB85-180149 **14**-*532,286* PC **E06**/MF **E06**

**TR-218**
Accuracy of Determination of Biochemical Oxygen Demand in River Waters.
PB85-179968 **14**-*531,579* PC **E04**/MF **E04**

**TR-219**
Accuracy of Determination of Total Mercury in River Waters.
PB85-180180 **14**-*531,582* PC **E06**/MF **E06**

**TR-220**
Accuracy of Determination of Trace Concentrations of Dissolved Cadmium in River Waters.
PB85-179992 **14**-*531,580* PC **E04**/MF **E04**

**TR-221**
Accuracy of Small Revenue Meters. Part 1. The Research Findings. Part 2. Meter Specification.
PB85-180032 **14**-*532,285* PC **E07**/MF **E07**

**TR-232**
Digital Coding for underwater Acoustic Multipath Channels.
AD-A157 170/2 **23**-*553,759* PC **A11**/MF **A01**

**TR-233**
Large Deviations for the Maxima of Some Random Fields.
AD-A155 909/5 **21**-*548,205* PC **A03**/MF **A01**

**TR-266**
Transport of Ion-Exchanging Solutes during Groundwater Recharge. Final Report,
PB85-154821 **13**-*529,060* PC **A04**/MF **A01**

**TR-274-SER-2**
General Saddlepoint Approximations with Applications to L-Statistics.
AD-A150 073/5 **09**-*519,462* PC **A03**/MF **A01**

**TR-287**
Study of the Turbulent Layer in the Water at an Air-Water Interface.
AD-A154 117/6 **17**-*537,772* PC **A13**/MF **A01**

**TR-348**
Efficient Scores, Variance Decompositions and Monte Carlo Swindles.
AD-A146 673/9 **01**-*501,650* PC **A03**/MF **A01**

**TR-349**
Log Linear Model Applications.
AD-A146 620/0 **01**-*501,648* PC **A03**/MF **A01**

**TR-350**
W.E. Johnson's 'Sufficientness' Postulate.
AD-A149 014/3 **07**-*515,022* PC **A03**/MF **A01**

**TR-351**
Inequalities for the M/G/Infinity Queue and Related Shot Noise Processes.
AD-A149 015/0 **07**-*515,052* PC **A03**/MF **A01**

**TR-352**
Tests of Fit Based on Normalized Spacings.
AD-A149 749/4 **09**-*519,441* PC **A03**/MF **A01**

**TR-353**
Collection of Probability Distributions.
AD-A153 128/4 **15**-*534,087* PC **A03**/MF **A01**

**TR-354**
Fixed Width Interval Estimation in Linear Regression.
AD-A153 633/3 **16**-*536,189* PC **A02**/MF **A01**

**TR-355**
Tables for Distributions of Quadratic Forms.
AD-A154 064/0 **17**-*538,314* PC **A03**/MF **A01**

**TR-356**
Decomposing the Joint Distribution of Several Linear Combinations of Uniform Spacings.
AD-A155 056/5 **18**-*540,905* PC **A03**/MF **A01**

**TR-357**
Simulation Study of Sylvester's Problem in Three Dimensions.
AD-A155 266/0 **19**-*543,256* PC **A02**/MF **A01**

**TR-358**
Model Robust Response Surface Designs: Scaling Two-Level Factorials.
AD-A156 218/0 **21**-*548,211* PC **A03**/MF **A01**

**TR-359**
Behavioral Summary for Completely Random Nets.
AD-A157 755/0 **24**-*555,810* PC **A02**/MF **A01**

**TR-360**
Random Sequential Coding by Hamming Distance.
AD-A158 003/4 **24**-*555,821* PC **A02**/MF **A01**

**TR-361**
Transforming Censored Samples and Testing Fit.
AD-A157 957/2 **24**-*555,820* PC **A03**/MF **A01**

**TR-375**
A Collection of Reprints. Includes Rept. nos. TR-388, TR-389, TR-391, TR-392, TR-394, TR-395, TR-396 and TR-397.
AD-A151 227/6 **12**-*526,745* PC **A08**/MF **A01**

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AD-A151 227/6 **12**-*526,745* PC **A08**/MF **A01**

**TR-389-1-ONR**
Joint DoD versus Navy Specific Lead Generation Advertising: Comparison of Conversion Rates to Quality Enlistments and Marginal Costs.
AD-A146 902/2 **02**-*503,089* PC **A03**/MF **A01**

**TR-398**
Ocean Current Processes.
AD-A155 440/1 **19**-*543,397* PC **A05**/MF **A01**

**TR-399**
Developing Carbonate Platforms: Southern Gulf of Suez, Northern Red Sea.
AD-A155 719/8 **19**-*542,885* PC **A02**/MF **A01**

**TR-400**
Fall-Season Patterns of Turbidity and Sediment Transport in the Korea Strait and Southeastern Yellow Sea.
AD-A155 572/1 **19**-*542,883* PC **A02**/MF **A01**

**TR-401**
A Test of the Geostrophic Approximation in the Western Channel of the Korea Strait.
AD-A156 208/1 **21**-*547,834* PC **A02**/MF **A01**

**TR-402**
Synthetic Aperture Radar (SAR) Imagery of Storm-Induced Seas Around the Goto Islands, Japan.
AD-A156 026/7 **21**-*547,830* PC **A02**/MF **A01**

**TR-404**
Effect of Cold-Air Advection on Internal Boundary-Layer Development over Warm Oceanic Currents.
AD-A157 371/6 **23**-*552,629* PC **A02**/MF **A01**

**TR-438**
Endogenous Competitive Business Cycles.
AD-A149 289/1 **08**-*515,924* PC **A07**/MF **A01**

**TR-443**
Survey of Agency Models of Organizations.
AD-A149 660/3 **09**-*518,553* PC **A05**/MF **A01**

**TR-444**
Two Papers on Sequential Bargaining. Paper I: Sequential Bargaining Mechanisms. Paper II: Bargaining with Incomplete Information an Infinite-Horizon Model with Continuous Uncertainty.
AD-A149 287/5 **08**-*515,989* PC **A06**/MF **A01**

**TR-446**
Periodic and Aperiodic Behavior in Discrete Onedimensional Dynamical Systems.
AD-A149 288/3 **08**-*515,923* PC **A03**/MF **A01**

**TR-451**
Economics of Agency.
AD-A151 436/3 **12**-*526,100* PC **A03**/MF **A01**

**TR-452**
Equilibria of Bid-Ask Markets.
AD-A151 299/5 **12**-*526,098* PC **A04**/MF **A01**

**TR-455**
Procurement, Cost Overruns and Severance. A Study in Commitment and Renegotiation.
AD-A151 546/9 **12**-*527,576* PC **A04**/MF **A01**

**TR-500**
Signal Reconstruction from Fourier Transform Sign Information.
AD-A148 039/1 **04**-*509,164* PC **A03**/MF **A01**

**TR-501**
One-Dimensional Processing for Adaptive Image Restoration.
AD-A149 314/7 **08**-*516,595* PC **A05**/MF **A01**

**TR-502**
Object-Oriented Signal Processing Environment: The Knowledge-Based Signal Processing Package.
AD-A148 963/2 **07**-*514,809* PC **A04**/MF **A01**

**TR-503**
Automated Circuit Extraction from Mask Descriptions of MOS Networks.
AD-A151 208/6 **12**-*526,966* PC **A07**/MF **A01**

**TR-505**
Experimental and Theoretical Studies of Laser Propulsion Phenomenology.
AD-A158 273/3 **24**-*557,078* PC **A03**/MF **A01**

**TR-540-61F**
Final Draft for the Drinking Water Criteria Document of Fluoride.
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**TR-542**
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**TR-662**
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**TR-667**
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**TR-681**
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**TR-688**
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**TRB/TRR-989**
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Nucleon Axial Form Factor in Some Bag Models.
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**TRI-PP-83-58**
Muon Spin Rotation Studies Involving Muonium at High pH.
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**TRI-PP-83-59**
Recent Results in Muonium Solution Kinetics.
DE85700041 **09**-*518,928* PC **A02**/MF **A01**

**TRI-PP-83-60**
Electron Scavenger Effects on Diamagnetic Muon Fractions in C-Hexane.
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**TRI-PP-83-61**
Valon-Recombination Description of Target Fragmentation in Deep-Inelastic mu p, nu p, Anti nu p Scattering.
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**TRI-PP-83-62**
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**TRI-PP-83-106**
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**TRI-PP-84-25**
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**TRI-PP-84-30**
TRIUMF KAON Factory.
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**TRI-PP-84-31**
Test of Charge Symmetry in n-p Elastic Scattering at 480 MeV.
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**TRI-PP-84-32**
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**TRI-PP-84-35**
Safety Interlock System at TRIUMF.
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**TRI-PP-84-36**
Estimating Maintenance Dose at a Meson Factory.
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**TRI-PP-84-46**
Invariant Observables in a Systematics of the (P, pi ) Reaction.
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**TRI-PP-84-47**
Pi /K Separation and Kaon Beam Designs.
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**TRI-PP-84-51**
Atomic Capture Ratios for Muons in Oxides.
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Neutron Beam Facility at TRIUMF.
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Detection Equipment for a Test of Charge Symmetry in n-p Elastic Scattering.
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**UCRL-TRANS-11991**
Electron Beam Evaporation Source with Integrated Rate Control.
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**UCRL-TRANS-11997**
Precipitation of the W sub 2 C Semicarbide of Tungsten in Tungsten Sheets.
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**UCRL-TRANS-12001**
Production of Concentrated Nitric Acid.
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**UCRL-TRANS-12007**
Alternative Methods to Fire Assaying.
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Nonlinear Wavelength Conversion Techniques for Laser Light Harmonic Generation by New Nonlinear Optical Crystals.
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**UCRL-TRANS-12012**
Method for Treatment of Wastewater of Nuclear Power Plants.
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Nuclear Power.
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**UCRL-TRANS-12023**
Model of a Thermoreactor Based on an Adiabatic Trap with MHD Stabilizers.
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**UCRL-TRANS-12026**
Molten Lead Refining Device.
DE85006796 13-*529,474* PC **A02**/MF **A01**

**UCRL-TRANS-12033**
Internal Step-Up Type Higher Harmonic Light Generating Device.
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**UCRL-TRANS-12040**
German Standards: Breathing Apparatus.
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Electrode for Flash Discharge Lamps.
DE85008896 14-*531,496* PC **A02**/MF **A01**

**UCRL-TRANS-12050**
Electrodes for Flash Discharge Lamps.
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Process for Making Electrodes for Discharge Tubes.
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Changes in Permeability and Fluid Chemistry of the Topopah Spring Member of the Paintbrush Tuff (Nevada Test Site) when Held in a Temperature Gradient: Summary of Results.
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Magnet Cold Mass High Load Supports Thermal Response and Performance Design Correlation.
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Vapor Cooled Lead and Stacks Thermal Performance and Design Analysis by Finite Difference Techniques.
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Susceptibility of 2 1/4 Cr-1Mo Steel to Liquid Metal Induced Embrittlement by Lithium-Lead Solutions.
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DE85004168 **08**-*516,534* PC **A03**/MF **A01**

**UCRL-53573**
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**UCRL-53574**
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DE85009948 **17**-*538,978* PC **A03**/MF **A01**

**UCRL-53576**
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DE85007640 **13**-*530,110* PC **A03**/MF **A01**

**UCRL-53578**
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DE85004448 **09**-*519,474* PC **A04**/MF **A01**

**UCRL-53580**
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DE85008323 **13**-*530,134* PC **A02**/MF **A01**

**UCRL-53582**
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DE85008698 **14**-*532,506* PC **A05**/MF **A01**

**UCRL-53582-REV.1**
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DE85017892 **26**-*561,247* PC **A05**/MF **A01**

**UCRL-53585**
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DE85008932 **14**-*531,087* PC **A02**/MF **A01**

**UCRL-53587**
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NUREG/CR-4035 **15**-*534,289* PC **A03**/MF **A01**

**UCRL-53589**
Three New Fiber-Optic Components.
DE85006269 **12**-*527,953* PC **A02**/MF **A01**

**UCRL-53591**
Empirical Development of Ground Acceleration, Velocity, and Displacement for Accidental Explosions at J5 or the Proposed Large Altitude Rocket Cell at Arnold Engineering Development Center.
DE85008324 **13**-*530,286* PC **A03**/MF **A01**

**UCRL-53594**
Application of the Ruthenium and Technetium Thermodynamic Data Bases Used in the EQ3/6 Geochemical Codes.
DE85013766 **22**-*550,081* PC **A04**/MF **A01**

**UCRL-53595**
Preclosure Analysis of Conceptual Waste Package Designs for a Nuclear Waste Repository in Tuff.
DE85007790 **13**-*530,053* PC **A04**/MF **A01**

**UCRL-53596**
Tutorial Discussion of Electronic Sampling Systems for Recording Wide-Bandwidth Transient Signals.
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**UCRL-53597**
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DE85008931 **16**-*536,625* PC **A03**/MF **A01**

**UCRL-53598**
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DE85016345 **25**-*558,053* PC **A02**/MF **A01**

**UCRL-53599**
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DE85006497 **12**-*528,094* PC **A02**/MF **A01**

**UCRL-53602**
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DE85010448 **17**-*538,991* PC **A02**/MF **A01**

**UCRL-53604**
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DE85010773 **17**-*538,867* PC **A15**/MF **A01**

**UCRL-53605**
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**UCRL-53606**
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DE85015087 **24**-*556,406* PC **A05**/MF **A01**

**UCRL-53613**
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DE85010213 **17**-*538,692* PC **A02**/MF **A01**

**UCRL-53622**
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**UCRL-53623**
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DE85017383 **26**-*561,504* PC **A04**/MF **A01**

**UCRL-53632**
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**UCRL-53635**
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**UCRL-53636**
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**UCRL-53644-VOL-2**
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**UCRL-53647**
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DE85017456 **26**-*561,319* PC **A05**/MF **A01**

**UCRL-53649**
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DE85015664 **25**-*559,538* PC **A08**/MF **A01**

**UCRL-53655**
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**UCRL-53656**
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**UCRL-84259(REV.1)**
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UCRL-84259(REV.1) **01**-*501,123* PC **A02**/MF **A01**

**UCRL-86250**
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DE85000756 **05**-*512,324* PC **A02**/MF **A01**

**UCRL-86711**
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DE82010060 **24**-*556,673* PC **A02**/MF **A01**

**UCRL-87455-REV.1**
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**UCRL-87783**
Networking LSI-11's Running RT-11.
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**UCRL-88120**
Novette: A Short Wavelength Laser-Target Interaction System.
DE85000992 **05**-*512,203* PC **A02**/MF **A01**

**UCRL-88332**
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**UCRL-88333**
Development of an Operational Multicomponent Personnel Neutron Dosimeter/Spectrometer DOSPEC.
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**UCRL-88409**
Numerical Modeling Techniques for Half-Space (Ground) Problems.
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**UCRL-88882-REV.1**
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**UCRL-88927**
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**UCRL-88975**
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DE85004371 **09**-*520,165* PC **A02**/MF **A01**

**UCRL-88979**
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**UCRL-89006**
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**UCRL-89176**
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DE85013269 **22**-*550,288* PC **A02**/MF **A01**

**UCRL-89203**
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**UCRL-89209**
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**UCRL-89214-REV.1**
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**UCRL-89294**
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**UCRL-89400-REV-1**
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**UCRL-89459**
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**UCRL-89640**
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**UCRL-89690**
Data Management for the US Continental Scientific Drilling Program.
DE85007083 **13**-*529,040* PC **A02**/MF **A01**

**UCRL-89722**
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DE85002002 **07**-*515,338* PC **A03**/MF **A01**

**UCRL-89753-REV.1**
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**UCRL-89788**
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**UCRL-89802**
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**UCRL-89849**
Fast Imaging Applications in the Nuclear Test Program.
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**UCRL-89886**
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DE85008968 **17**-*539,470* PC **A02**/MF **A01**

**UCRL-89890-84**
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DE85004997 **11**-*524,103* PC **A03**/MF **A01**

**UCRL-89970**
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**UCRL-89971**
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**UCRL-89980**
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**UCRL-89987**
MFTF-B Quasi-Optical ECRH Transmission System.
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**UCRL-89988**
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**UCRL-89995-REV.1**
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**UCRL-90011**
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**UCRL-90014**
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**UCRL-90155**
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**UCRL-90160**
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**UCRL-90177**
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**UCRL-90178**
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**UCRL-90195**
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**UCRL-90241**
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**UCRL-90243**
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**UCRL-90357**
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**UCRL-90363**
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DE84016557 **02**-*504,584* PC **A02**/MF **A01**

**UCRL-90393**
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DE84016536 **02**-*504,521* PC **A02**/MF **A01**

**UCRL-90396**
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DE84015955 **01**-*502,557* PC **A02**/MF **A01**

**UCRL-90396-REV.1**
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**UCRL-90405**
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**UCRL-90410**
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**UCRL-90478**
High-Speed, Eight-Frame Electro-Optic Camera with Multipulsed Ruby Laser Illuminator.
DE85001748 **03**-*506,848* PC **A02**/MF **A01**

**UCRL-90491**
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DE84016195 **02**-*504,520* PC **A02**/MF **A01**

**UCRL-90494**
Developments of Optical Fast-Gated Imaging Systems.
DE84016170 **02**-*504,617* PC **A02**/MF **A01**

**UCRL-90502**
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**UCRL-90511**
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**UCRL-90540**
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DE84017045 **02**-*504,903* PC **A02**/MF **A01**

**UCRL-90544**
Analysis of Turbulent Gas-Concentration Fluctuations from 40 M exp 3 LNG Spill Experiments.
DE84014707 **01**-*501,048* PC **A02**/MF **A01**

**UCRL-90550**
Comparison Between Tracer Measurements and Model Calculations for Nighttime Drainage Flows in Complex Terrain.
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**UCRL-90555**
Novel Probe for Determining the Size and Position of a Relativistic Electron Beam.
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**UCRL-90558**
Progress in Inertial Confinement Fusion at Lawrence Livermore National Laboratory.
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**UCRL-90560**
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**UCRL-90579**
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**UCRL-90580-1**
Simple Rigid Body Algorithm for Structural Dynamics Programs. Part 1.
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**UCRL-90582**
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**UCRL-90603**
Polymer Blends as High Explosive Binders.
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**UCRL-90611**
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**UCRL-90617**
Magnetic Ripple Correction in Tandem Mirrors by Ferromagnetic Inserts.
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**UCRL-90619**
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**UCRL-90636**
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**UCRL-90638**
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**UCRL-90649**
Microwave Measurement of the Complex Dielectric Tensor of Anisotropic Slab Materials.
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**UCRL-90661**
Berylliosis: A Disease of the past.
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**UCRL-90665**
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**UCRL-90666**
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**-UCRL---90667**
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DE84015131 **01**-*502,464* PC **A02**/MF **A01**

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DE85012879 **22**-*551,551* PC **A02**/MF **A01**

**UCRL-90670**
Adaptation of an Air-Dielectric RF Cable for Use as an Oil-Filled High Voltage Pulse Transmission Line.
DE84017414 **07**-*514,785* PC **A02**/MF **A01**

**UCRL-90679**
Statistical Relationships Between Meteorological Data Stations and Implications to Diagnostic Models in Complex Terrain.
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**UCRL-90680**
Results of the Centralia Underground Coal Gasification Field Test.
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**UCRL-90681-REV.1**
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**UCRL-90682**
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DE85006156 **11**-*525,368* PC **A02**/MF **A01**

**UCRL-90686**
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**UCRL-90694**
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**UCRL-90700**
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**UCRL-90716**
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DE85003147 **08**-*517,271* PC **A02**/MF **A01**

**UCRL-90731**
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DE84016190 **01**-*502,692* PC **A02**/MF **A01**

**UCRL-90733**
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DE84016177 **01**-*502,130* PC **A02**/MF **A01**

**UCRL-90743**
Nondestructive Method for Detecting Machine Damage in Beryllium.
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**UCRL-90747**
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**UCRL-90749**
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DE84012643 **02**-*504,960* PC **A02**/MF **A01**

**UCRL-90750**
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DE85007252 **13**-*530,493* PC **A02**/MF **A01**

**UCRL-90758**
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**UCRL-90774-REV.2**
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DE85014180 **26**-*560,581* PC **A02**/MF **A01**

**UCRL-90775**
Numerical Simulations of Liquid Propellant Combustion Instability: Onset and Growth.
DE85000743 **09**-*520,163* PC **A02**/MF **A01**

**UCRL-90789**
Gauge Argument for Accurate Quantization of the Hall Conductance.
DE84012611 **02**-*505,099* PC **A02**/MF **A01**

**UCRL-90795**
Effect of Mountain Wave Dynamics on Orographic Storms.
DE84014713 **02**-*502,928* PC **A02**/MF **A01**

**UCRL-90817**
Surface Properties of Shocked Lead.
DE85009582 **24**-*555,742* PC **A02**/MF **A01**

**UCRL-90831**
Modal Analysis Applied to the DAA Model for Fluid Structure Interaction in Underwater Shock.
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**UCRL-90848**
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**UCRL-90853**
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**UCRL-90855-REV.1**
Behavior of Carbon-14 in Waste Packages for Spent Fuel in a Repository in Tuff. Revision 1.
DE85012562 **22**-*551,151* PC **A02**/MF **A01**

**UCRL-90857**
Parametric Testing of a DWPF Borosilicate Glass.
DE85007254 **13**-*530,098* PC **A02**/MF **A01**

**UCRL-90861**
Defect Production and Recovery in FCC Metals Irradiated at 4.2 K.
DE85010477 **19**-*543,901* PC **A02**/MF **A01**

**UCRL-90875**
Corrosion Behavior of Carbon Steels under Tuff Repository Environmental Conditions.
DE85002247 **06**-*513,584* PC **A02**/MF **A01**

**UCRL-90885**
High Pressure Positron Annihilation Studies of Fe in a Diamond Anvil Cell.
DE85001575 **09**-*520,185* PC **A02**/MF **A01**

**UCRL-90898**
Use of Induction Linacs with Nonlinear Magnetic Drive as High Average Power Accelerators.
DE85000744 **05**-*512,478* PC **A02**/MF **A01**

**UCRL-90903**
Dynamic Compaction of Powders.
DE85001062 **09**-*519,726* PC **A02**/MF **A01**

**UCRL-90904**
Flow and Plasticity Via Nonequilibrium Molecular Dynamics.
DE85001011 **05**-*511,227* PC **A02**/MF **A01**

**UCRL-90905**
Simulation of Brittle Fracture Via Molecular Dynamics.
DE85001061 **09**-*519,392* PC **A02**/MF **A01**

**UCRL-90910**
Current Enhancement Update.
DE84017111 **02**-*504,929* PC **A02**/MF **A01**

**UCRL-90911**
Emittance Measurements on ETA and ATA.
DE84017100 **02**-*504,928* PC **A02**/MF **A01**

**UCRL-90912**
ATA Diagnostic Data Handling System: An Overview.
DE84017112 **02**-*504,930* PC **A02**/MF **A01**

**UCRL-90914**
Brightness Limitations in Multi-Kiloampere Electron Beam Sources.
DE84017417 **05**-*512,462* PC **A02**/MF **A01**

**UCRL-90915**
Buoyant Plume Calculations.
DE85007255 **13**-*530,016* PC **A02**/MF **A01**

**UCRL-90919**
Damage Development During Low Cycle Fatigue of Carbon-Black Loaded SBR.
DE85006234 **12**-*527,157* PC **A03**/MF **A01**

**UCRL-90920**
Analysis of Large Urban Fires.
DE85003453 **09**-*519,846* PC **A02**

**UCRL-90935**
Low-Energy, High-Intensity Positron Beam Experiments with a Linac.
DE85001048 **09**-*520,263* PC **A02**/MF **A01**

**UCRL-90936**
High Intensity Positron Beam and Angular Correlation Experiments at Livermore.
DE85012961 **22**-*551,555* PC **A02**/MF **A01**

**UCRL-90942-REV.1**
International Information Networks for Material Properties. Revision 1.
DE85007412 **13**-*528,493* PC **A04**/MF **A01**

**UCRL-90943**
Vibrational Relaxation in H sub 2 Molecules by Wall Collisions: Applications to Negative Ion Source Processes.
DE85000852 **06**-*513,241* PC **A02**/MF **A01**

**UCRL-90943-REV.1**
Vibrational Relaxation in H sub 2 Molecules by Wall Collisions: Applications to Negative Ion Source Processes. Revision 1.
DE85007229 **12**-*528,017* PC **A03**/MF **A01**

**UCRL-90944**
Effects of Thermal Exposure on the Structural and Mechanical Integrity of Graphite Fibers.
DE85014948 **25**-*558,401* PC **A02**/MF **A01**

**UCRL-90946**
Development of Epoxy Matrices for Filament-Wound Graphite Structures.
DE85003674 **11**-*524,511* PC **A02**/MF **A01**

**UCRL-90947**
Impurities in Kevlar 49 Fibers.
DE85004996 **11**-*524,512* PC **A02**/MF **A01**

**UCRL-90949-REV.1**
Spectroscopic Study of Sources and Control of Impurities in TMX-U. Revision 1.
DE85004423 **09**-*519,920* PC **A02**/MF **A01**

**UCRL-90951**
Hydrogen Vibrational Population Distributions and Negative Ion Generation in Tandem High Density Hydrogen Discharges.
DE85001207 **09**-*520,265* PC **A02**/MF **A01**

**UCRL-90951-REV.1**
Hydrogen Vibrational Population Distributions and Negative Ion Generation in Tandem High-Density Hydrogen Discharges.
DE85006764 **13**-*530,404* PC **A03**/MF **A01**

**UCRL-91039**
Federal Government Agency Activities in Technology Transfer: An Historical View.
DE84014481 **02**-*503,039* PC **A02**/MF **A01**

**UCRL-91040**
Recent Progress at RTNS-II.
DE85003137 **08**-*517,829* PC **A02**/MF **A01**

**UCRL-91041**
Ion Source Development at RTNS-II.
DE85003138 **08**-*517,830* PC **A02**/MF **A01**

**UCRL-91043**
Channeling-Radiation Measurements at Lawrence Livermore National Laboratory.
DE85001564 **05**-*512,394* PC **A02**/MF **A01**

**UCRL-91043-REV.1**
Channeling-Radiation Measurements at Lawrence Livermore National Laboratory. Revision 1.
DE85004991 **10**-*522,927* PC **A02**/MF **A01**

**UCRL-91078**
Angle of Incidence Effects for Underwater Shock Using Generic Computational Models.
DE85012936 **22**-*550,792* PC **A02**/MF **A01**

**UCRL-91078-REV.1**
Angle of Incidence Effects for Underwater Shock Using Generic Computational Models. Rev. 1.
DE85012921 **22**-*550,790* PC **A03**/MF **A01**

**UCRL-91079**
DAA Modal Analysis for Parametric Investigations of Fluid-Structure Interaction in Underwater Shock.
DE85001010 **09**-*519,747* PC **A03**/MF **A01**

**UCRL-91079-REV.1**
DAA Modal Analysis for Parametric Investigations of Fluid-Structure Interaction in Underwater Shock. Rev. 1.
DE85012935 **22**-*550,791* PC **A02**/MF **A01**

**UCRL-91079-REV.2**
DAA Modal Analysis for Parametric Investigations of Fluid-Structure Interaction in Underwater Shock. Revision 2.
DE85012920 **23**-*553,581* PC **A03**/MF **A01**

**UCRL-91091**
Isomer Ratio Calculations Using Modeled Discrete Levels.
DE85001743 **04**-*510,297* PC **A02**/MF **A01**

**UCRL-91091-SUP.**
Isomer Ratio Calculations Using Modeled Discrete Levels.
DE85002162 **06**-*514,173* PC **A02**/MF **A01**

**UCRL-91098**
Absolute Dipole gamma-Ray Strength Functions for sup 176 Lu.
DE85001746 **04**-*510,298* PC **A02**/MF **A01**

**UCRL-91098-SUP.**
Absolute Dipole gamma-Ray Strength Functions for sup 176 Lu. Supplement.
DE85002163 **06**-*514,174* PC **A02**/MF **A01**

**UCRL-91116**
Layered Granule Chute Flow Near the Angle of Repose.
DE85010037 **22**-*550,959* PC **A02**/MF **A01**

**UCRL-91120**
Plasma Modeling of MFTF-B and the Sensitivity to Vacuum Conditions.
DE85003615 **08**-*517,431* PC **A02**/MF **A01**

**UCRL-91121**
Extension of the EQ3/6 Computer Codes to Geochemical Modeling of Brines.
DE85005502 **11**-*524,087* PC **A02**/MF **A01**

**UCRL-91122**
Effect of DOP Heterodispersion on HEPA-Filter-Penetration Measurements.
DE85009583 **17**-*538,648* PC **A02**/MF **A01**

**UCRL-91123**
Enhancing the Performance of a High-Gain Free Electron Laser Operating at Millimeter Wavelengths.
DE85000862 **06**-*514,088* PC **A02**/MF **A01**

**UCRL-91129**
Sliding Interfaces with Contact-Impact in Large Scale Lagrangian Computations.
DE85006451 **12**-*528,072* PC **A04**/MF **A01**

**UCRL-91148**
Influence of Phosphorus Content and Heat Treatment on the Machinability of Electroless Nickel Deposits.
DE85007250 **13**-*529,484* PC **A02**/MF **A01**

**UCRL-91174**
Measurement of Hot-Electron Production and Microwave Emission by Laser-Irradiated CH Targets.
DE85003139 **08**-*517,428* PC **A03**/MF **A01**

**UCRL-91217**
Neutron Scattering on Deformed Nuclei.
DE84017049 **02**-*504,988* PC **A02**/MF **A01**

**UCRL-91223**
Microchannel Plate Pinhole Camera for 20 to 100 KeV X-Ray Imaging.
DE85001572 **09**-*519,902* PC **A02**/MF **A01**

**UCRL-91230-REV.1**
Software for Reflectivity Calculations of X-Ray Mirrors. Revision 1.
DE85006642 **13**-*530,473* PC **A02**/MF **A01**

**UCRL-91242**
Failure Criteria Used in a Probabilistic Fracture Mechanics Code.
DE85007264 **24**-*556,473* PC **A02**/MF **A01**

**UCRL-91252**
Centralia Partial SEAM CRIP (Controlled Retracting Injection Point) Underground Coal Gasification Experiment.
DE84015042 **03**-*507,789* PC **A03**/MF **A01**

**UCRL-91253**
Sound-Graphs: A Numerical Data Analysis Method for the Blind.
DE85003146 **08**-*516,260* PC **A02**/MF **A01**

**UCRL-91257**
Laboratory Experiments Designed to Provide Limits on the Radionuclide Source Term for the NNWSI Project.
DE85009952 **18**-*541,532* PC **A02**/MF **A01**

**UCRL-91258**
Leaching Savannah River Plant Nuclear Waste Glass in a Saturated Tuff Environment.
DE85007253 **13**-*530,097* PC **A02**/MF **A01**

**UCRL-91261**
Graphics Metafile Interface to ARAC Emergency Response Models for Remote Workstation Study.
DE85001213 **08**-*517,489* PC **A02**/MF **A01**

**UCRL-91263**
Spatial Data Requirements for Emergency Response.
DE85001214 **08**-*516,474* PC **A02**/MF **A01**

**UCRL-91268**
Fire Initiation and Spread in Urban Areas Due to Nuclear Attack.
DE85003140 **08**-*517,348* PC **A02**/MF **A01**

**UCRL-91270**
E/Parallels/B End-Loss-Ion Analyzer for TMX-U.
DE85001573 **09**-*520,605* PC **A02**/MF **A01**

**UCRL-91287**
Plasma-Wall Interactions in Tandem Mirror Machines.
DE85006387 **12**-*528,050* PC **A03**/MF **A01**

**UCRL-91305**
Processing and Microstructural Characterization of B sub 4 C-Al Cermets.
DE85013195 **22**-*550,379* PC **A02**/MF **A01**

**UCRL-91317**
Approaches to Ultrafast Neutron Detectors.
DE85001206 **07**-*515,347* PC **A02**/MF **A01**

**UCRL-91318**
Statistical Mechanics of Dense Plasmas and Implications for the Plasma Polarization Shift.
DE85012974 **24**-*556,900* PC **A02**/MF **A01**

**UCRL-91329**
Gamma-Ray Diagnostics of D-T Fusion Reactions.
DE84017567 **09**-*520,579* PC **A02**/MF **A01**

**UCRL-91330**
Measurement of Proton Autoneutralization Potential.
DE85001752 **04**-*510,332* PC **A02**/MF **A01**

**-UCRL---91333**
Heavy Ion Fusion Accelerator Research in the US.
DE85008456 **15**-*534,528* PC **A02**/MF **A01**

**UCRL-91356**
Large Natural Geophysical Events: Planetary Planning.
DE85000859 **06**-*513,361* PC **A03**/MF **A01**

**UCRL-91359**
Microphysical/Mesoscale Aspects of Nuclear Winter and New Directions in Assessments.
DE85013479 **22**-*550,896* PC **A02**/MF **A01**

**UCRL-91364**
Structure of Dense Alkali Halide Melts.
DE85001073 **06**-*514,059* PC **A02**/MF **A01**

**UCRL-91366**
Macroscopic and Microscopic Deformation and Failure Processes That Control Composite Toughness.
DE85012938 **22**-*550,406* PC **A02**/MF **A01**

**UCRL-91369**
Multivent Effects in a Large Scale Boiling Water Reactor Pressure Suppression System.
DE84016228 **01**-*502,182* PC **A02**/MF **A01**

**UCRL-91370**
Results of Long Term Ground Surface Measurements at the Hoe Creek III Site.
DE84015635 **01**-*502,682* PC **A02**/MF **A01**

**UCRL-91384**
Ab Initio Calculations of the Optical Properties of Ions in Glass.
DE85001008 **06**-*513,510* PC **A02**/MF **A01**

**UCRL-91385**
Computerized Gas Metering Systems.
DE84016192 **01**-*501,961* PC **A02**/MF **A01**

**UCRL-91394**
ATA Gas Propagation - 1 Foot Tank Experiment.
DE84016395 **02**-*504,919* PC **A02**/MF **A01**

**UCRL-91395**
Vertical Electromagnetic Profiling (VEMP).
DE85001052 **06**-*513,362* PC **A03**/MF **A01**

**UCRL-91399**
ATA Probe Beam Experiment.
DE84016017 **01**-*502,426* PC **A02**/MF **A01**

**UCRL-91402**
Evaluation of Source Strength and Dispersion Model Predictions with Data from Large Nitrogen Tetroxide Field Experiments.
DE85011855 **20**-*545,719* PC **A02**/MF **A01**

**UCRL-91408**
Image Formation in Terms of the Transport Equation.
DE85004993 **12**-*527,952* PC **A03**/MF **A01**

**UCRL-91411**
X-Ray Spectroscopy of Laser-Produced Plasmas.
DE85002170 **06**-*514,210* PC **A02**/MF **A01**

**UCRL-91420**
DOE Hazard Classification for Insensitive High Explosives (IHE).
DE84017002 **07**-*515,496* PC **A02**/MF **A01**

**UCRL-91421**
Tests of Effective Interactions for Nucleon Scattering and Charge Exchange Below 60 MeV.
DE85003200 **08**-*517,993* PC **A02**/MF **A01**

**UCRL-91422**
Acoustic Tomographic Reconstruction of Anomalies in Three-Dimensional Bodies.
DE84017035 **03**-*505,959* PC **A02**/MF **A01**

**UCRL-91423**
Fundamental Limitations in Antenna Resolution by Maximum Entropy Methods.
DE84017052 **02**-*503,856* PC **A02**/MF **A01**

**UCRL-91428**
High Damage Threshold Porous Silica Antireflective Coating.
DE85012924 **22**-*550,393* PC **A02**/MF **A01**

**UCRL-91429**
Pulse Duration Dependence of 1064-nm Laser Damage Thresholds of Porous Silica Antireflection Coatings on Fused Silica Substrates.
DE85013207 **22**-*551,171* PC **A02**/MF **A01**

**UCRL-91430**
Variation of Transmittance Spectra of Porous Antireflection Coatings with Index Profile.
DE85013976 **26**-*561,719* PC **A03**/MF **A01**

**UCRL-91443**
Dynamic Stellar Neutron-Capture Nucleosynthesis: The Need for More Nuclear Data for the S-Process.
DE85001744 **04**-*508,020* PC **A02**/MF **A01**

**UCRL-91444**
Parametric Study of Dynamic S-Process Neutron-Capture Nucleosynthesis: Nuclear Data Needs.
DE85001745 **05**-*510,690* PC **A02**/MF **A01**

**UCRL-91446**
Effects of Interactive Transport and Scavenging of Smoke on the Calculated Temperature Change Resulting from Large Amounts of Smoke.
DE85006450 **11**-*524,859* PC **A02**/MF **A01**

**UCRL-91451**
Oceanic Role in Terrestrial Climate.
DE85004422 **09**-*518,462* PC **A02**/MF **A01**

**UCRL-91455**
Performing (P Vector,N), (D Vector,N) and (N Vector,N) Measurements with a Rotating Magnet Beam Swinger.
DE84017003 **02**-*504,987* PC **A02**/MF **A01**

**UCRL-91457**
Isospin Effects in Nuclear Vibrations.
DE85001569 **05**-*512,497* PC **A02**/MF **A01**

**UCRL-91460**
Dynamics of Shock-Induced Energy Flux in Molecular Bonds.
DE85015082 **24**-*555,326* PC **A02**/MF **A01**

**UCRL-91461**
Parametcrization of a Transient Electromagnetic Facility and Test Antennas from Transient Data.
DE85006231 **12**-*526,969* PC **A02**/MF **A01**

**UCRL-91462**
Logic Flowgraph Model for Disturbance Analysis of a PWR Pressurizer System.
DE84017023 **02**-*504,655* PC **A02**/MF **A01**

**UCRL-91463**
Summary: Beyond Fault Trees to Fault Graphs.
DE84017022 **02**-*504,517* PC **A02**/MF **A01**

**UCRL-91468**
Observations of Borehole Deformation Modulus Values Before and after Extensive Heating of a Granitic Rock Mass.
DE85008297 **18**-*540,456* PC **A02**/MF **A01**

**UCRL-91469**
Measurement of Tritium Permeation Through Resistant Materials Near Room Temperature.
DE85012942 **22**-*551,169* PC **A02**/MF **A01**

**UCRL-91471**
Probabilistic Assessment of Spent Fuel Shipping Cask Response to Severe Transportation Accident Conditions. Report Summary.
DE84017102 **09**-*519,954* PC **A02**/MF **A01**

**UCRL-91473**
Electrical Resistance Measurements of Metals to 40 GPa in the Diamond Cell.
DE85001009 **09**-*520,723* PC **A02**/MF **A01**

**UCRL-91475**
Melanoma among Lawrence Livermore National Laboratory Employees: An Epidemiologic Puzzle.
DE85006245 **12**-*526,362* PC **A02**/MF **A01**

**UCRL-91476**
Optical Guiding in a Free Electron Laser.
DE85003141 **08**-*517,781* PC **A03**/MF **A01**

**UCRL-91482**
Composite Explosives for Metal Acceleration: The Effect of Detonation Temperature.
DE85013982 **23**-*554,114* PC **A02**/MF **A01**

**UCRL-91484**
Modeling Short Pulse Duration Shock Initiation of Solid Explosives.
DE85014803 **24**-*556,556* PC **A02**/MF **A01**

**UCRL-91485**
Supra-Compression of LX-07, LX-17, PBX-9404, and RX-26-AF and the Equations of State of the Detonation Products.
DE85014802 **24**-*556,555* PC **A02**/MF **A01**

**UCRL-91486-REV.1**
Energetic Response of Propellants to High Velocity Impact. Revision 1.
DE85013983 **23**-*554,115* PC **A02**/MF **A01**

**UCRL-91490**
Motion of Thin Metal Walls and the Equation of State of Detonation Products.
DE85014809 **24**-*556,557* PC **A02**/MF **A01**

**UCRL-91491**
Database Requirements for the Advanced Test Accelerator Project.
DE85007260 **13**-*530,364* PC **A03**/MF **A01**

**UCRL-91499-REV.1**
Ultraviolet Radiation-Damage Absorption Peak in Solid Deuterium-Tritium. Revision 1.
DE85012969 **21**-*548,828* PC **A02**/MF **A01**

**UCRL-91500**
Edge Diagnostics for Tandem Mirror Machines.
DE85001209 **06**-*514,205* PC **A03**/MF **A01**

**UCRL-91503**
Perpendicular Electron Cyclotron Emission from Hot Electrons in TMX-U
DE85001045 **06**-*514,202* PC **A02**/MF **A01**

**UCRL-91504**
TMX-U Neutral Pressure Measurement Diagnostic Systems.
DE85000746 **06**-*514,197* PC **A02**/MF **A01**

**UCRL-91506**
Plasma Potential Formation and Measurement in TMX-U and MFTF-B.
DE85002173 **09**-*520,608* PC **A03**/MF **A01**

**UCRL-91507**
Time Integrated X-Ray Measurments of the Very Energetic Electron End Loss Profile in TMX-U.
DE85001567 **09**-*520,604* PC **A02**/MF **A01**

**UCRL-91511**
Computational Plasma Physics and Supercomputers.
DE85001739 **04**-*509,983* PC **A03**/MF **A01**

**UCRL-91511-REV.1**
Computational Plasma Physics and Supercomputers. Revision 1.
DE85007228 **13**-*530,492* PC **A03**/MF **A01**

**UCRL-91512**
Evolution of the Mirror Approach to Fusion: Some Conjectures.
DE84017570 **04**-*509,963* PC **A04**/MF **A01**

**UCRL-91531**
Power of Deterministic Thinking in Machine Tool Accuracy.
DE85001751 **04**-*509,789* PC **A02**/MF **A01**

**UCRL-91553**
In Situ Microwave Measurements of Dielectric Properties and Moisture in Materials.
DE85003622 **13**-*529,851* PC **A02**/MF **A01**

**UCRL-91561**
Preparation of Selenium Coatings onto Beryllium Foils.
DE85006159 **11**-*524,437* PC **A02**/MF **A01**

**UCRL-91561-REV.1**
Deposition of Selenium Coatings on Beryllium Foils. Revision 1.
DE85016070 **25**-*558,439* PC **A02**/MF **A01**

**UCRL-91565**
Experimental High Pressure Equation of State of a Very Fast Burning Gun Propellant.
DE85001749 **05**-*512,381* PC **A02**/MF **A01**

**UCRL-91568**
Neutral Beam Injector Oxygen Impurity Measurements and Concentration Reduction Via Gettering Processes.

DE85000861 **06**-*514,198* PC **A02**/MF **A01**

**UCRL-91568-REV.1**
Neutral Beam Injector Oxygen Impurity Measurements and Concentration Reduction Via Gettering Processes. Revision 1.
DE85007257 **13**-*529,991* PC **A02**/MF **A01**

**UCRL-91570**
Solving Partial Differential Equations on Multiprocessors.
DE85000745 **06**-*513,654* PC **A02**/MF **A01**

**UCRL-91571**
High-Resolution Seismic Studies Applied to Injected Geothermal Fluids.
DE85007276 **13**-*529,304* PC **A02**/MF **A01**

**UCRL-91581**
Electrochemical Cell to Measure Corrosion Rates in Noncondensing Environments.
DE85003148 **10**-*522,121* PC **A02**/MF **A01**

**UCRL-91583**
Subsidence in the Craters of Nuclear Tests at the Pacific Proving Grounds.
DE85000747 **07**-*515,344* PC **A03**/MF **A01**

**UCRL-91589**
Development of the Cascade Inertial-Confinement-Fusion Reactor.
DE85010933 **18**-*541,479* PC **A02**/MF **A01**

**UCRL-91590**
Flow Characteristics of the Cascade Granular Blanket.
DE85010932 **19**-*543,799* PC **A02**/MF **A01**

**UCRL-91593**
Mouse Oocyte Killing by Neutrons: Target Considerations.
DE85011362 **18**-*540,200* PC **A02**/MF **A01**

**UCRL-91596**
Task Analysis: A Detailed Example of Stepping Up from JSA.
DE85001571 **06**-*513,132* PC **A04**/MF **A01**

**UCRL-91598**
Look at Energy Compression as an Assist for High Power RF Production.
DE85001568 **05**-*512,485* PC **A03**/MF **A01**

**UCRL-91600**
Radiative Ion Beams: Hot Stellar Reactions in the Laboratory.
DE85001570 **09**-*520,465* PC **A02**/MF **A01**

**UCRL-91609**
Automatic Volume Calibration System.
DE85008955 **17**-*538,688* PC **A03**/MF **A01**

**UCRL-91614**
Approximate Factorization Method for Computation of Nonhydrostatic Mesoscale Flows.
DE85007259 **15**-*532,999* PC **A02**/MF **A01**

**UCRL-91617**
Compressible Two-Phase Flow Instabilities Simulated with a Hybrid Lagrange-Euler Pseudospectral Method.
DE85009904 **20**-*546,496* PC **A02**/MF **A01**

**UCRL-91618**
Quasiparticle Aggregation in the Fractional Quantum Hall Effect.
DE85001574 **05**-*512,530* PC **A02**/MF **A01**

**UCRL-91619**
Decentralized Control Synthesis Method for Large-Scale Interconnected Systems.
DE85000748 **19**-*543,262* PC **A02**/MF **A01**

**UCRL-91623**
High Gain Adaptive Control of Decentralized Systems.
DE85001566 **18**-*540,907* PC **A02**/MF **A01**

**UCRL-91623-REV.1**
High Gain Adaptive Control of Decentralized Systems. Revision 1
DE85010040 **18**-*540,909* PC **A02**/MF **A01**

**UCRL-91625**
High-Energy Air Shock Study in a Grout Pipe.
DE85014805 **25**-*559,372* PC **A02**/MF **A01**

**UCRL-91626**
Investigation of the Lightning Vulnerability of Nuclear Explosive Test Systems at the Nevada Test Site.
DE85011761 **22**-*551,078* PC **A02**/MF **A01**

**UCRL-91627**
Eastern Gas Shale (EGS) Research.
DE85001205 **08**-*516,528* PC **A04**/MF **A01**

**UCRL-91631**
PROTOCOL, A Numerical Simulator for the Dissolution of Inorganic Solids in Aqueous Solutions.
DE85003201 **08**-*517,544* PC **A04**/MF **A01**

**UCRL-91634**
Fortran in the 90'S.
DE85006154 **11**-*524,260* PC **A02**/MF **A01**

**UCRL-91636**
Acetaldehyde Oxidation in the Negative Temperature Coefficient Regime: Experimental and Modeling Results.
DE85001563 **09**-*520,763* PC **A03**/MF **A01**

**UCRL-91639**
Blast Induced Subsidence in the Craters of Nuclear Tests over Coral.
DE85007975 **18**-*541,490* PC **A02**/MF **A01**

**UCRL-91642**
Time-Implicit Simulation of Particle-Fluid Systems.
DE85012944 **24**-*556,899* PC **A02**/MF **A01**

**UCRL-91643**
Pulse Star Inertial Confinement Fusion Reactor.
DE85010940 **18**-*541,480* PC **A02**/MF **A01**

**UCRL-91644**
ICF Tritium Production Reactor.
DE85010000 **19**-*543,793* PC **A02**/MF **A01**

**UCRL-91646**
Blanket Optimization Studies for Cascade.
DE85010002 **20**-*546,059* PC **A02**/MF **A01**

**UCRL-91647**
Advances in ICF Power Reactor Design.
DE85010930 **18**-*541,477* PC **A02**/MF **A01**

**UCRL-91648**
ICF Reactor Economics: Identifying the High Leverage Design Features.
DE85010001 **17**-*538,850* PC **A02**/MF **A01**

**UCRL-91653**
LINCS (Livermore Interactive Network Communications Structure).
DE85006151 **11**-*524,259* PC **A02**/MF **A01**

**UCRL-91654**
Microscopic Simulations of Shock Propagation in Condensed Media: Comparison Between Real Time and Frequency Domains.
DE85015540 **25**-*557,968* PC **A02**/MF **A01**

**UCRL-91664**
Model Validation: Purpose and Expectations.
DE85001212 **06**-*513,681* PC **A02**/MF **A01**

**UCRL-91670**
Advanced Crystalline Laser Materials.
DE85003142 **10**-*522,968* PC **A02**/MF **A01**

**UCRL-91674**
VAX-Based Graphics Mail System.
DE85007231 **12**-*526,924* PC **A02**/MF **A01**

**UCRL-91681**
Seismic Safety Margins Research Program: A Concluding Look.
DE85000851 **08**-*517,611* PC **A02**/MF **A01**

**UCRL-91682**
Impact of Instrument Response Variations on Health Physics Measurements.
DE85000860 **07**-*514,583* PC **A02**/MF **A01**

**UCRL-91689**
Networking at LLNL (Lawrence Livermore National Laboratory).
DE85003143 **08**-*516,624* PC **A02**/MF **A01**

**UCRL-91693**
High Efficiency ICF Driver Employing Magnetically Confined Plasma Rings.
DE85012939 **22**-*550,998* PC **A02**/MF **A01**

**UCRL-91697**
Analysis of Dislocation Kinetics Across Shocks.
DE85016444 **25**-*559,801* PC **A02**/MF **A01**

**UCRL-91699**
Photoelectronic Trajectory Anatomy of RCA-C-73435 Image Converter and Its Performance.
DE85013973 **25**-*558,830* PC **A02**/MF **A01**

**UCRL-91705**
Nuclear Information Needs for the Astrophysical S-Process.
DE85012913 **22**-*551,553* PC **A02**/MF **A01**

**UCRL-91723**
Nondestructive Assay Instrumentation for a Savannah River Plant Upgrade Project.
DE85003225 **09**-*518,906* PC **A02**/MF **A01**

**UCRL-91724**
Materials Characterization with Intense Positron Beams.
DE85011850 **20**-*545,957* PC **A02**/MF **A01**

**UCRL-91731**
Doubled-Ended Breaks in Reactor Primary Piping.
DE85003145 **10**-*522,807* PC **A03**/MF **A01**

**UCRL-91734**
Exploiting Multiprocessors: Issues and Options.
DE85003144 **11**-*524,246* PC **A02**/MF **A01**

**UCRL-91737**
Technical and Historical Overview of the Study at Livermore of Porous Antireflection Coatings.
DE85010925 **19**-*543,798* PC **A02**/MF **A01**

**UCRL-91740**
Corrosion Performance of Metals and Alloys in a Tuff Geochemical Environment.
DE85009449 **17**-*538,964* PC **A02**/MF **A01**

**UCRL-91741**
Dispersion Phenomenology of LNG Vapor in the Burro and Coyote LNG Spill Experiments.
DE85003591 **08**-*517,724* PC **A02**/MF **A01**

**UCRL-91743**
Reaction Cross-Section Calculations Using New Experimental and Theoretical Level Structure Data for Deformed Nuclei.
DE85016437 **25**-*559,548* PC **A02**/MF **A01**

**UCRL-91744-REV.1**
Extragalactic Origin of gamma-Ray Bursts. Revision 1.
DE85005622 **12**-*525,975* PC **A02**/MF **A01**

**UCRL-91756**
Viscosity, Granular-Temperature, and Stress Calculations for Shearing Assemblies of Inelastic, Frictional Disks.
DE85015173 **25**-*559,772* PC **A03**/MF **A01**

**UCRL-91758**
Bound and Free Moisture Studies of Solid Materials by FTNMR.
DE85003227 **13**-*530,274* PC **A02**/MF **A01**

**UCRL-91762**
ASCOT Data from the 1980 Field Measurement Program in the Anderson Creek Valley, California.
DE85006147 **12**-*527,264* PC **A02**/MF **A01**

**UCRL-91763**
Numerical Simulation of Static and Dynamic Shadow Patterns Using an Atomistic Description of Crack Initiation and Propagation.
DE85003226 **10**-*523,087* PC **A02**/MF **A01**

**UCRL-91769**
Fission Channel Analysis for sup 232 Th(n,f).
DE85012915 **22**-*551,554* PC **A02**/MF **A01**

**UCRL-91772**
Coral Reef Hydrogeology.
DE85012923 **22**-*550,105* PC **A02**/MF **A01**

**UCRL-91779**
Resolvability of Defect Ensembles with Positron Annihilation Studies.
DE85010041 **17**-*539,273* PC **A02**/MF **A01**

**UCRL-91781**
Analysis of the NAEG Model of Transuranic Radionuclide Transport and Dose.
DE85003451 **08**-*517,447* PC **A04**/MF **A01**

**UCRL-91786**
Summary Results of the Centralia Partial SEAM CRIP Underground Coal Gasification Field Test.
DE85003452 **08**-*516,531* PC **A02**/MF **A01**

**UCRL-91787**
Effect of Noise Spikes on VCO Input.
DE85007262 **15**-*533,779* PC **A02**/MF **A01**

**UCRL-91788**
Shell-Model Lanczos-Method Studies of the Gamow-Teller Strength Function in Astrophysics.
DE85004205 **09**-*518,421* PC **A02**/MF **A01**

Monotonicity Preserving Bicubic Interpolation. Progress Report.
DE85004206 **17**-*538,321* PC **A02**/MF **A01**

**UCRL-91788-REV.1**
Monotonicity Preserving Bicubic Interpolation. Progress Report. Revision 1.
DE85007976 **14**-*531,927* PC **A02**/MF **A01**

**UCRL-91795**
Rapid Growth of Potassium Dihydrogen Phosphate Crystals.
DE85007261 **13**-*530,301* PC **A02**/MF **A01**

**UCRL-91802**
Neutral-Fueling Pressure Measurements and Modeling Near the Plasma Edge in TMX-U.
DE85004998 **11**-*525,533* PC **A02**/MF **A01**

**UCRL-91802-REV.1**
Neutral-Fueling Pressure Measurements and Modeling Near the Plasma Edge in TMX-U. Revision 1.
DE85007520 **13**-*530,497* PC **A02**/MF **A01**

**UCRL-91803**
Detailed Chemical Kinetic Study of the Effect of Molecular Structure on Autoignition of Fuel-Air Mixtures.
DE85004424 **13**-*528,960* PC **A02**/MF **A01**

**UCRL-91804**
Behavior of Stressed and Unstressed 304L Specimens in Tuff Repository Environmental Conditions.
DE85004415 **11**-*525,090* PC **A03**/MF **A01**

**UCRL-91821**
Preparation, Characterization and Solubility Product Constant of AmOHCO sub 3.
DE85007258 **13**-*528,969* PC **A02**/MF **A01**

**UCRL-91824-REV.1**
Highly Accurate Shock Flow Calculations with Moving Grids and Mesh Refinements. Revision 1.
DE85010929 **18**-*541,677* PC **A02**/MF **A01**

**UCRL-91830**
Results of Recent Large-Scale NH sub 3 and N sub 2 O sub 4 Dispersion Experiments.
DE85004988 **12**-*527,258* PC **A03**/MF **A01**

**UCRL-91831**
Description of a Test Site for Large-Scale Heavy Gas Dispersion and Combustion Experiments.
DE85004987 **20**-*547,014* PC **A02**/MF **A01**

**UCRL-91839**
High Speed Electric Field and Voltage Measurements with Field Coupled Sensors.
DE85006637 **13**-*529,810* PC **A02**/MF **A01**

**UCRL-91848**
Variation in the Spacing of Dislocations in Subgrain Boundaries with Creep Strain in Type 304 Stainless Steel.
DE85006184 **12**-*527,104* PC **A02**/MF **A01**

**UCRL-91852**
UNIX Kernal Networking Support and the LINCS Communications Architecture.
DE85006644 **13**-*529,188* PC **A02**/MF **A01**

**UCRL-91854**
Evaluation of a Series of SF sub 6 Tracer Releases Using the MATHEW/ADPIC Model.
DE85004989 **11**-*524,631* PC **A02**/MF **A01**

**UCRL-91856**
Evaluation and Sensitivity Study of the MATHEW/ADPIC Models Using EPRI Plains Site Data for a Tall Stack.
DE85004992 **11**-*524,632* PC **A02**/MF **A01**

**UCRL-91871**
Isotherms for the Uranium-Hydrogen System at Temperatures of 700 to 1065 deg C and Pressures to 137.89 MPa.
DE85014814 **25**-*557,961* PC **A02**/MF **A01**

**UCRL-91872**
X-Ray Diffraction Cell for Debye-Scherrer and Guinier (Huber) Cameras at Pressure and Temperature.
DE85014815 **24**-*556,600* PC **A02**/MF **A01**

**UCRL-91875**
Quark Matter Transition in the Baryon Rich Domain.
DE85007978 **14**-*532,644* PC **A02**/MF **A01**

**UCRL-91876**
Tokamak Ignition/Burn Experimental Research Device.
DE85009999 **17**-*538,849* PC **A02**/MF **A01**

**UCRL-91882**
Variational Bounds on Darcy's Constant.
DE85006638 **13**-*530,324* PC **A03**/MF **A01**

**UCRL-91882-REV.1**
Variational Bounds on Darcy's Constant.
DE85008959 **15**-*534,761* PC **A03**/MF **A01**

**UCRL-91884**
EQ3/6: Status and Applications.
DE85006902 **13**-*529,028* PC **A02**/MF **A01**

**UCRL-91885**
Impact of Long-Lived Radionuclides on Waste Classification for Fusion.
DE85013205 **22**-*551,013* PC **A02**/MF **A01**

**UCRL-91888**
Upgrade of the LLNL EM Transient Range Monocone Antenna.
DE85006639 **18**-*540,552* PC **A02**/MF **A01**

**UCRL-91892**
Work-Hardening and Effective Viscosity in Solid Beryllium.
DE85013978 **22**-*550,443* PC **A02**/MF **A01**

**UCRL-91920**
Review of Selected Papers from the 7th International Symposium on Contamination Control.
DE85006251 **12**-*527,434* PC **A03**/MF **A01**

**UCRL-91924**
Control of a Pulse Height Analyzer Using an RDX Workstation.
DE85007977 **14**-*532,435* PC **A02**/MF **A01**

**UCRL-91927-REV.1**
Results of Mathematical Modeling of Oil Shale Retorting in an Aboveground, External-Combustion, Moving-Bed Retort. Revision 1.
DE85009448 **17**-*539,557* PC **A02**/MF **A01**

**UCRL-91936**
Technology of Magnetically Driven Accelerators.
DE85011857 **20**-*546,538* PC **A02**/MF **A01**

**UCRL-91950**
Experiment to Measure the Electron Neutrino Mass Using Frozen Tritium.
DE85007274 **13**-*530,427* PC **A02**/MF **A01**

**UCRL-91953**
Liquid to Gas Leak Ratios with Liquid Nitrogen and Liquid Helium.
DE85012950 **22**-*551,002* PC **A02**/MF **A01**

**UCRL-91954-REV.1**
Fragmentation of Suddenly Heated Liquids in ICF Reactors. Revision 1.
DE85010934 **19**-*543,800* PC **A02**/MF **A01**

**UCRL-91965**
Large-Scale Shell Model Calculations for Odd-Odd Nuclei and Comparison to Experimental Studies of Fission Product Nuclei in the sup 132 Sn Region.
DE85006449 **11**-*525,493* PC **A02**/MF **A01**

**UCRL-91968**
Numerical Studies of High Current Beam Compression in Heavy Ion Fusion.
DE85011874 **22**-*550,965* PC **A02**/MF **A01**

**UCRL-91970**
14 MeV Neutron Work at the Lawrence Livermore National Laboratory.
DE85015076 **25**-*559,527* PC **A03**/MF **A01**

**UCRL-92001**
Modeling, Simulation and Emergency Response.
DE85005812 **12**-*527,814* PC **A03**/MF **A01**

**UCRL-92005**
Axial Tomography from Digitized Real Time Radiography.
DE85006767 **15**-*533,248* PC **A02**/MF **A01**

**UCRL-92007**
Parallel Computation of Multiple-Scale Problems.
DE85007230 **12**-*526,923* PC **A02**/MF **A01**

**UCRL-92007-REV.1**
Parallel Computation of Multiple-Scale Problems. Revision 1.
DE85009447 **16**-*536,016* PC **A02**/MF **A01**

**UCRL-92010**
Hopkinson Bar Simulation Using DYNA2D.
DE85006766 **13**-*529,695* PC **A02**/MF **A01**

**UCRL-92010-REV.1**
Hopkinson Bar Simulation Using DYNA2D. Revision 1.
DE85012928 **22**-*550,706* PC **A02**/MF **A01**

**UCRL-92012**
Utilization of Fission Reactors for Fusion Engineering Testing.
DE85006742 **13**-*529,977* PC **A02**/MF **A01**

**UCRL-92017**
Transition Radiation as a Practical X-Ray Source.
DE85013201 **22**-*550,832* PC **A02**/MF **A01**

**UCRL-92019**
New Concept for Pumping the Edge Plasma.
DE85010180 **18**-*541,449* PC **A02**/MF **A01**

**UCRL-92020**
Modeling and Optimization of Operating Parameters for a Test-Cell Option of the Fusion Power Demonstration-II Tandem Mirror Design.
DE85009998 **17**-*538,848* PC **A02**/MF **A01**

**UCRL-92021**
Modeling and Optimization of a Test-Cell Upgrade for MFTF-B Operating in the High Neutron Wall Loading Mode.
DE85009997 **18**-*541,447* PC **A02**/MF **A01**

**UCRL-92022**
Plasma Engineering Models of Tandem Mirror Devices with High-Field Test-Cell Inserts.
DE85010046 **17**-*538,854* PC **A02**/MF **A01**

**UCRL-92023**
Plasma Engineering for MINIMARS: a Small Commercial Tandem Mirror Reactor with Octopole Plugs.
DE85010045 **17**-*538,853* PC **A02**/MF **A01**

**UCRL-92024**
Design of a Helium-Cooled Molten Salt Fusion Breeder.
DE85010474 **18**-*541,456* PC **A02**/MF **A01**

**UCRL-92025**
Qualitative Comparisons of Fusion Reactor Materials for Waste Handling and Disposal.
DE85010473 **18**-*541,455* PC **A02**/MF **A01**

**UCRL-92041**
Solution of the Field Equations for 2-D Electromagnetic Direct Implicit Plasma Simulation.
DE85016073 **25**-*559,686* PC **A02**/MF **A01**

**UCRL-92050**
Field Measurement of Tension in a T-142 Tank Track.
DE85011845 **20**-*546,472* PC **A02**/MF **A01**

**UCRL-92055**
Cryopumping Hydrogen Isotope Mixtures in MFTF-B with and Without Argon Adsorbent.
DE85007518 **13**-*529,995* PC **A02**/MF **A01**

**UCRL-92057**
Reliability Study on the Lawrence Livermore National Laboratory Water-Supply System.
DE85014558 **24**-*555,938* PC **A02**/MF **A01**

**UCRL-92062**
Kinetic Theory and Simulation of Multi-Species Plasmas in Tokamaks Excited with ICRF Microwaves.
DE85008119 **13**-*530,511* PC **A04**/MF **A01**

**UCRL-92065**
Operational and Technical Results from the Spent Fuel Test - Climax.
DE85006903 **13**-*530,086* PC **A02**/MF **A01**

**UCRL-92068**
Underground Coal Gasification Review.
DE85011860 **20**-*547,073* PC **A02**/MF **A01**

**UCRL-92077-II**
Inner/Outer Iterative Methods and Numerical Schwarz Algorithms - II.
DE85013197 **24**-*555,862* PC **A03**/MF **A01**

**UCRL-92080**
Computer Simulation of the Effect of Free Surface Reflection on Shock Wave Propagation in Water.
DE85014807 **24**-*556,576* PC **A02**/MF **A01**

**UCRL-92082**
Intercomparison of Radiation Codes in Climate Models (ICRCCM).
DE85007251 **13**-*528,439* PC **A03**/MF **A01**

**UCRL-92085**
Performance of the Butterfly Processor-Memory Interconnection in a Vector Environment.
DE85007931 **15**-*533,820* PC **A02**/MF **A01**

**UCRL-92086**
New Harmonic Materials: Index Engineering. Thin-Thick Quadrature Frequency Conversion.
DE85012976 **22**-*551,328* PC **A02**/MF **A01**

**UCRL-92088**
Transient Data Acquisition Techniques under EDS.
DE85014554 **25**-*558,945* PC **A02**/MF **A01**

**UCRL-92089**
EDS Operator and Control Software.
DE85010470 **18**-*541,483* PC **A02**/MF **A01**

**UCRL-92092**
Multivariable Current Control for Electrically and Magnetically Coupled Superconducting Magnets.
DE85012941 **22**-*550,999* PC **A02**/MF **A01**

**UCRL-92092-REV.1**
Multivariable Current Control for Electrically and Magnetically Coupled Superconducting Magnets. Revision 1.
DE85012943 **22**-*551,000* PC **A02**/MF **A01**

**UCRL-92093**
Experimental Investigation of Dynamic Motions of an Internal Part in an Artillery Projectile.
DE85013202 **23**-*554,109* PC **A02**/MF **A01**

**UCRL-92098**
Physics-Magnetics Trade Studies for Tandem Mirror Reactors.
DE85010043 **17**-*538,852* PC **A02**/MF **A01**

**UCRL-92102**
Comparison of Experimental Data on Detonation Velocity and Chapman-Jouget Pressure Vs Initial HE Density with Predictions from Ree's Model Equation of State.
DE85007266 **20**-*546,473* PC **A02**/MF **A01**

**UCRL-92121**
New Approach to Multiphase Equilibria: Application to High-Pressure Physics Problems.
DE85013820 **22**-*551,294* PC **A02**/MF **A01**

**UCRL-92122**
Data Flow Graph Optimization in IF1.
DE85007979 **24**-*555,528* PC **A02**/MF **A01**

**UCRL-92125**
Use of Reliability Data for QA Program Evaluation.
DE85008295 **24**-*556,475* PC **A02**/MF **A01**

**UCRL-92155**
Ground Motion Measurements for the QUESO Nuclear Event.
DE85014806 **24**-*556,292* PC **A02**/MF **A01**

**UCRL-92156**
Electrical Supply for MFTF-B Superconducting Magnet System.
DE85012932 **22**-*550,997* PC **A02**/MF **A01**

**UCRL-92160**
Improved Approach to Characterizing and Presenting Streak Camera Performance.
DE85015188 **24**-*556,921* PC **A02**/MF **A01**

**UCRL-92161**
Cryogenic Structural Materials for Superconducting Magnets.
DE85008026 **22**-*550,173* PC **A02**/MF **A01**

**UCRL-92170**
Spectrally-Broad Picosecond Light Source.
DE85015177 **24**-*556,661* PC **A02**/MF **A01**

**UCRL-92172**
Electromagnetic Effects in Relativistic Electron Beam Plasma Interactions.
DE85016071 **25**-*559,472* PC **A02**/MF **A01**

**UCRL-92192**
Inorganic Nitrogen in Green River Formation Oil Shale.
DE85013977 **25**-*559,878* PC **A02**/MF **A01**

**UCRL-92201**
Multiple Time-Scale Methods in Particle Simulations of Plasmas.
DE85007519 **13**-*530,496* PC **A02**/MF **A01**

**UCRL-92204**
Hugoniot Measurements in Aluminum to 420 GPa Using the LLNL Two-Stage Light-Gas Gun.
DE85013821 **22**-*550,440* PC **A02**/MF **A01**

**UCRL-92210**
Integrating Quality Assurance and Research and Development.
DE85007974 **14**-*530,977* PC **A02**/MF **A01**

**UCRL-92211**
Multigrid Method for Multiprocessors.
DE85007929 **15**-*534,101* PC **A03**/MF **A01**

**UCRL-92212**
Magnetic Fusion 1985: What Next.
DE85009953 **17**-*538,845* PC **A02**/MF **A01**

**UCRL-92218**
DYNA3D, INGRID, and TAURUS: an Integrated, Interactive Software System for Crashworthiness Engineering.
DE85010928 **19**-*543,857* PC **A02**/MF **A01**

**UCRL-92229**
Preliminary Evaluation of Alterant Geophysical Tomography in Welded Tuff.
DE85012971 **22**-*550,090* PC **A02**/MF **A01**

**UCRL-92231**
Positron Annihilation and Pressure-Induced Electronic S-D Transition.
DE85014556 **24**-*555,312* PC **A02**/MF **A01**

**UCRL-92236**
Resonance Localization in Tokamaks Excited with ICRF Waves.
DE85014559 **24**-*556,911* PC **A02**/MF **A01**

**UCRL-92242**
Prospects for DNA Methods to Measure Human Heritable Mutation Rates.
DE85014555 **24**-*555,190* PC **A02**/MF **A01**

**UCRL-92246**
Application of Structural-Mechanics Methods to the Design of Large Tandem-Mirror Fusion Devices (MFTF-B).
DE85008960 **22**-*550,957* PC **A02**/MF **A01**

**UCRL-92247**
Mirror Fusion Test Facility (MFTF-B): Status.
DE85012953 **22**-*551,003* PC **A02**/MF **A01**

**UCRL-92248**
Progress in Inertial Fusion at LLNL (Lawrence Livermore National Laboratory).
DE85010931 **18**-*541,478* PC **A02**/MF **A01**

**UCRL-92252**
Nuclear Performance Optimization of the Be/Li/Th Blanket for the Fusion Breeder.
DE85012949 **22**-*551,001* PC **A02**/MF **A01**

**UCRL-92255**
Dislocation Kinetics Behind Shear Shocks.
DE85014811 **24**-*556,987* PC **A02**/MF **A01**

**UCRL-92259**
Implicit Plasma Simulation.
DE85016088 **26**-*561,886* PC **A02**/MF **A01**

**UCRL-92262**
Effects of Laser Radiation on Surfaces and Coatings.
DE85010475 **20**-*546,516* PC **A03**/MF **A01**

**UCRL-92271**
Radiation Interactions for Tomography.
DE85008961 **17**-*538,689* PC **A02**/MF **A01**

**UCRL-92271-REV.1**
Radiation Interactions for Tomography. Revision 1.
DE85013792 **26**-*560,309* PC **A02**/MF **A01**

**UCRL-92272**
Fabrication Criteria for Shipping Containers Used to Transport Radioactive Materials.
DE85008971 **15**-*534,566* PC **A02**/MF **A01**

**UCRL-92275**
Contribution to Von Karman Institute Lecture Series on "Computational Fluid Dynamics": Advection-Diffusion and Navier-Stokes Equations.
DE85010942 **22**-*551,285* PC **A08**/MF **A01**

**UCRL-92281**
Aluminum-Air Power Cell, a Progress Report.
DE85012922 **23**-*554,341* PC **A02**/MF **A01**

**UCRL-92286**
Properties of Niobium Recovered from Megabar Dynamic Pressures.
DE85015394 **24**-*557,041* PC **A02**/MF **A01**

**UCRL-92289**
Resolvability of Positron Decay Channels.
DE85008958 **17**-*539,269* PC **A02**/MF **A01**

**UCRL-92295**
Interactions Between a Laminar Flame and End Gas Autoignition.
DE85008957 **23**-*554,512* PC **A02**/MF **A01**

**UCRL-92301**
Indentation of a Plane Membrane with a Rigid Paraboloid.
DE85012945 **26**-*561,901* PC **A02**/MF **A01**

**UCRL-92312**
Transform Domain Adaptive Filtering Using a Recursive DFT.
DE85008965 **18**-*540,600* PC **A02**/MF **A01**

**UCRL-92316**
Improved Model for Fluid-Driven Cracks in Jointed Rock.
DE85008963 **18**-*540,459* PC **A02**/MF **A01**

**UCRL-92329**
Use of Environmental Health-Risk Analysis for Managing Toxic Substances.
DE85008964 **18**-*540,241* PC **A02**/MF **A01**

**UCRL-92335**
Optimization Aspects of the ARAC Real-Time Radiological Emergency Response System.
DE85016945 **26**-*561,417* PC **A02**/MF **A01**

**UCRL-92336**
Review of Short Wavelength Lasers.
DE85009858 **17**-*539,324* PC **A03**/MF **A01**

**UCRL-92338**
What Is Wrong with the Cromer-Liberman Anomalous Scattering Factors and What to Do About Them.
DE85012947 **23**-*553,649* PC **A02**/MF **A01**

**UCRL-92339**
Method for Simulating Radiographs Using a Solid Modeler.
DE85012963 **23**-*553,650* PC **A02**/MF **A01**

**UCRL-92344**
Maximum Current Densities from Tandem High Density Systems.
DE85008966 **17**-*538,830* PC **A02**/MF **A01**

**UCRL-92345**
Investigation of the Cryogenic Mechanical Properties of Low Thermal-Expansion Superalloys.
DE85016650 **26**-*560,928* PC **A02**/MF **A01**

**UCRL-92349**
Study of the Equilibrium Vacancy Ensemble in Aluminum Using 1D- and 2D-Angular Correlation of Annihilation Radiation.
DE85008967 **16**-*536,722* PC **A02**/MF **A01**

**UCRL-92355**
Multiphase Continuum Model to Describe Dynamic Loading Effects in Nonlinear Porous Media.
DE85010102 **18**-*541,491* PC **A02**/MF **A01**

**UCRL-92356**
Results of PRIM Gyroscope Testing.
DE85012934 **22**-*550,949* PC **A02**/MF **A01**

**UCRL-92356-SUP.1**
Results of PRIM Gyroscope Testing: Conclusions Regarding PRIM Effects. Supplement 1.
DE85012933 **22**-*550,948* PC **A02**/MF **A01**

**UCRL-92358**
Effective Medium Theory for Partially Saturated Porous Solids.
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**UCRL-92360**
Fast Moving Average Recursive Least Mean Square Fit.
DE85010036 **18**-*540,601* PC **A02**/MF **A01**

**UCRL-92371**
Design of Aggressive Superconducting TFCX Magnet Systems.
DE85010003 **18**-*541,448* PC **A02**/MF **A01**

**UCRL-92373**
Experiment to Measure the Electron Neutrino Mass Using a Frozen Tritium Source.
DE85009584 **16**-*536,800* PC **A02**/MF **A01**

**UCRL-92375**
Role of ECRH in Potential Formation for Tandem Mirrors.
DE85011859 **19**-*544,218* PC **A02**/MF **A01**

**UCRL-92385**
Free-Lagrange Methods for Compressible Hydrodynamics in Two Space Dimensions.
DE85012946 **24**-*556,645* PC **A02**/MF **A01**

**UCRL-92390**
Data Structures and Vectorization in a Two-Dimensional Free-Lagrangian Code.
DE85012948 **22**-*550,519* PC **A02**/MF **A01**

**UCRL-92397**
Electron and Ion Cyclotron Heating Calculations in the Tandem-Mirror Modeling Code MERTH.
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**UCRL-92398**
Technical Considerations for Flexible Piping Design in Nuclear Power Plants.
DE85010039 **19**-*543,928* PC **A02**/MF **A01**

**UCRL-92414**
Ultimate Limits of FT-IR.
DE85016442 **26**-*561,271* PC **A02**/MF **A01**

**UCRL-92420**
Detonation Behavior of LX-14 and PBX-9404: Theoretical Aspect.
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**UCRL-92423**
Interpreting Geological Structure Using Kriging.
DE85016439 **26**-*560,582* PC **A02**/MF **A01**

**UCRL-92424**
Dynamic ADI Computations of Thermoelastic Stresses in Crystalline Laser Media.
DE85010478 **22**-*551,306* PC **A02**/MF **A01**

**UCRL-92439**
Experimental Level-Structure Determination in Odd-Odd Actinide Nuclei.
DE85010476 **18**-*541,752* PC **A02**/MF **A01**

**UCRL-92441**
Initial Results for the Failure Strength of a LOVA Gun Propellant at High Pressures and Various Strain Rates.
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**UCRL-92454**
Low Temperature Chemistry Preceeding End Gas Autoignition.
DE85010471 **18**-*541,912* PC **A03**/MF **A01**

**UCRL-92480**
Some Ideas for Decomposing the Domain of Elliptic Partial Differential Equations in the Schwarz Process.
DE85011844 **21**-*548,215* PC **A02**/MF **A01**

**UCRL-92488**
Modeling Thermal and Material Interactions Between a Reacting Char Bed and a Gasifying/Spalling Coal Proof.
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**UCRL-92494-REV.1**
Study of Heavy Gas Effects on the Atmospheric Dispersion of Dense Gases. Revision 1.
DE85012917 **22**-*549,411* PC **A02**/MF **A01**

**UCRL-92501**
Psychological Aspects of Personnel Contamination.
DE85012955 **22**-*549,927* PC **A02**/MF **A01**

**UCRL-92502**
Distributed Emergency Response System to Model Dispersion and Deposition of Atmospheric Releases.
DE85011847 **22**-*549,408* PC **A02**/MF **A01**

**UCRL-92505**
New Semi-Implicit Method for Solving the Time-Dependent Conservation Equations for Incompressible Flow.
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**UCRL-92510**
Stellar Core Collapse and Supernova.
DE85017398 **26**-*560,084* PC **A03**/MF **A01**

**UCRL-92523**
Smoke Inputs to Climate Models: Optical Properties and Height Distribution for Nuclear Winter Studies.
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**UCRL-92525**
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**UCRL-92531**
Electromagnetic "Particle-in-Cell" Plasma Simulation.
DE85013223 **26**-*561,729* PC **A02**/MF **A01**

**UCRL-92532**
Perspective on the Next Ten Years in Plasma Physics.
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**UCRL-92538**
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**UCRL-92565**
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DE85016075 **26**-*561,913* PC **A02**/MF **A01**

**UCRL-92575**
Planetary Fluids He and NH sub 3 at High Shock Pressures and Temperatures.
DE85011851 **19**-*544,311* PC **A02**/MF **A01**

**UCRL-92602**
Facility for Large-Scale Hazardous Gas Testing.
DE85011852 **19**-*544,388* PC **A03**/MF **A01**

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LSI/CAMAC System for Heavy Elements Research.
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**UCRL-92619**
ICRF Heating of Passing Ions in a Thermal Barrier Tandem Mirror.
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**UCRL-92624**
Parallel Processing on the Livermore VAX 11/780-4 Parallel Processor System with Compatibility to Cray Research, Inc. (CRI) Multitasking. Version 1.
DE85011856 **20**-*545,202* PC **A03**/MF **A01**

**UCRL-92641**
Current Methods for Large Stiff ODE Systems.
DE85012914 **22**-*550,518* PC **A02**/MF **A01**

**UCRL-92643**
New Concepts for Drift Pumping a Thermal Barrier with RF.
DE85013591 **24**-*556,901* PC **A02**/MF **A01**

**UCRL-92648**
Improved Particle-Velocity Transducer for Equation-of-State Experiments.
DE85013204 **23**-*553,652* PC **A02**/MF **A01**

**UCRL-92666**
Measurements and Calculations of Neutron Scattering Angular Distributions over a Wide Mass and Energy Range.
DE85012912 **22**-*551,552* PC **A02**/MF **A01**

**UCRL-92672**
Some Nuclear Data Needs in Astrophysics.
DE85012916 **21**-*547,239* PC **A02**/MF **A01**

**UCRL-92673**
Collective Accelerator for Electron Colliders.
DE85012878 **24**-*556,691* PC **A02**/MF **A01**

**UCRL-92682**
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DE85012918 **22**-*550,378* PC **A02**/MF **A01**

**UCRL-92689**
Acceleration of Compact Torus Plasma Rings in a Coaxial Rail-Gun.
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**UCRL-92690**
Compact Torus Compression of Microwaves.
DE85012919 **22**-*550,996* PC **A02**/MF **A01**

**UCRL-92706**
Real-Time Fluid Flow Model for Control of Solidification.
DE85016286 **26**-*561,381* PC **A02**/MF **A01**

**UCRL-92713**
Mean Life of the 2p sup 4 ( sup 1 S)3s sup 2 S State in Fluorine.
DE85012929 **22**-*549,998* PC **A02**/MF **A01**

**UCRL-92723**
Large-Basis Shell-Model Technology in Nucleosynthesis and Cosmology.
DE85012925 **22**-*549,373* PC **A02**/MF **A01**

**UCRL-92724**
Stellar S-Process Diagnostics.
DE85012926 **22**-*549,374* PC **A02**/MF **A01**

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Pulsed-Neutron-Source Models for the Astrophysical S-Process.
DE85012927 **22**-*549,375* PC **A02**/MF **A01**

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New Directions in Chemical Analysis.
DE85012930 **21**-*547,764* PC **A03**/MF **A01**

**UCRL-92734**
Emission Region of gamma Ray Bursts.
DE85013198 **22**-*549,376* PC **A02**/MF **A01**

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Harmonic Generation of Ion Waves Due to Brillouin Backscattering.
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Superconducting Critical Temperatures of Niobium Recovered from Megabar Dynamic Pressures.
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**UCRL-92759**
Hydrostatic Extrusion of Amorphous Fe sub 82 B sub 12 Si sub 6 and U sub 70 Cr sub 30.
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**UCRL-92776**
Computer Simulation and Analysis of the Expanding Ring Test.
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**UCRL-92777**
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**UCRL-92781**
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Production and Survival of sup 99 Tc in He-Shell Recurrent Thermal Pulses.
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Role of Supercomputers in Magnetic Fusion and Energy Research Programs.
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Somatic Cell and Molecular Genetics Approach to DNA Repair and Mutagenesis.
DE85014181 **24**-*555,222* PC **A02**/MF **A01**

**UCRL-92835**
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**UCRL-92837**
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**UCRL-92858**
Risk Assessment with a Personal Computer.
DE85014176 **22**-*550,804* PC **A02**/MF **A01**

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Results and Comparisons in Multiprocessing Using VMS 4.0 and MA780.
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**UCRL-92883**
Determination of Somatic Mutations in Human Erythrocytes by Cytometry.
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**UCRL-92895**
Spontaneous Raman Spectroscopy of Shocked H sub 2 O.
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**UCRL-92899**
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**UCRL-92912**
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**UCRL-92970**
Simulation of Liquid Helium.
DE85015397 **25**-*559,721* PC **A03**/MF **A01**

**UCRL-92972**
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**UCRL-92974**
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**UCRL-92976**
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**UCRL-92985**
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DE85015396 **25**-*558,180* PC **A02**/MF **A01**

**UCRL-92992**
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**UCRL-93012**
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AD-A150 139/4 **10**-*521,669* PC **A09**/MF **A**

**UDR-TR-84-46**
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Generalized Electrovacs
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**UIC/DQM/ARO-84-2**
Segmentation of Signals, Time Series, and Images.
AD-A153 396/7 **15**-*534,098* PC **A03**/MF **A01**

**UIEC-84-3**
Investigation of Planar Waveguides and Components for Millimeter-Wave Integrated Circuits.
AD-A147 380/0 **03**-*506,212* PC **A05**/MF **A01**

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Quasistatic Characteristics of Asymmetrical and Coupled Coplanar-Type Transmission Lines.
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Determining 3-D Motion and Structure of a Rigid Body Using the Spherical Projection,
PB85-132801 **05**-*511,764* PC **A04**/MF **A01**

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Plasma Initiation/Flow Chamber to Study CW Laser Beamed Energy Absorption in Light Gases.
AD-A151 225/0 **12**-*528,039* PC **A04**/MF **A01**

**UILU-ENG-84-4005**
Modeling of Propulsive Jet Plumes--Extension of Modeling Capabilities by Utilizing Wall Curvature Effects.
AD-A146 262/1 **01**-*502,738* PC **A06**/MF **A01**

**UILU-ENG-84-4007**
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PB85-249688 **26**-*560,539* PC **A03**/MF **A01**

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**UK/DC/TR-4**

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AD-A148 995/4 **07**-*514,687* PC **A02**/MF **A01**

**UK/DC/TR-5**

Boron Derivatives of 3-Methylpyrazole.
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**UK/DC/TR-6**

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**UK/DC/TR-7**

Polyboron Spiro-Cations Based on Bridging Dipyrazol-1-Ylboryl Units.
AD-A152 211/9 **13**-*528,932* PC **A02**/MF **A01**

**UK/DC/TR-8**

Dimethylamino-tris(1-pyrazolyl)borate(1-) Ion, A New Hybrid Poly(1-pyrazolyl)borate Ligand.
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Triply-Bridged Diboron Species of the Pyrazabole Type.
AD-A157 243/7 **23**-*552,480* PC **A02**/MF **A01**

**UKC/CLR-27**

Complexity of a Translation of Lambda-calculus to Categorical Combinators,
PB85-231207 **23**-*553,238* PC **E03**/MF **E03**

**UKC/CLR-28**

Linear Applicative Solution for the Set Union Problem,
PB85-231215 **23**-*553,239* PC **E03**/MF **E03**

**UKC COMPUTING LAB-22**

2-PIGS: An Interactive Graphical Programming Environment with Mixed Interpretation and Compilation,
PB85-146587 **08**-*516,646* PC **E03**/MF **E03**

**UKC COMPUTING LAB-23**

Report on the Hewlett Packard 4951A Protocol Analyser,
PB85-146603 **08**-*516,648* PC **E03**/MF **E03**

**UKC COMPUTING LAB-24**

Menus and Menu Systems: An Approach to the User Interface,
PB85-146611 **08**-*516,649* PC **E03**/MF **E03**

**UKC COMPUTING LAB-25**

Microcomputer Database System in a Distributed Database Environment,
PB85-146595 **08**-*516,647* PC **E03**/MF **E03**

**UKC COMPUTING LAB-26**

I-PIGS: A Concurrent Programming Environment with Interactive Graphical Support,
PB85-140846 **07**-*514,836* PC **E03**/MF **E03**

**UKIRT-17**

Removal, Mechanical Handling and Installation Procedures for Declination Tachometer and Itek Encoder.
N85-18915/7 **12**-*525,989* PC **A02**/MF **A01**

**UKIRT-18**

Mechanical Procedures for the 8 Channel Bolometer.
N85-18916/5 **12**-*525,990* PC **A02**/MF **A01**

**UKIRT-19**

Procedures for the Bonding of the E.M.C. Mirror onto Its Invar Mirror Flange.
N85-18917/3 **12**-*525,991* PC **A02**/MF **A01**

**UKIRT-20**

In Situ Washing Procedures for the Ukirt 3.8 Meter Primary Mirror.
N85-18918/1 **12**-*525,992* PC **A03**/MF **A01**

**UKIRT-21**

Removal, Mechanical Handling and Installation Procedures for the RA Itek Encoder.
N85-18919/9 **12**-*525,993* PC **A02**/MF **A01**

**UKIRT-22**

UKIRT Centre Section Structural Investigation.
N85-18920/7 **12**-*525,994* PC **A02**/MF **A01**

**UKIRT-23**

UKIRT Spectro-Photometry System.
N85-18921/5 **12**-*525,995* PC **A04**/MF **A01**

**UKTRP-82-1**

Aggregate Shape and Skid Resistance.
PB85-136877 **06**-*513,785* PC **A06**/MF **A01**

**UKTRP-82-24**

Relationship between Kentucky CBR (California Bearing Radio) and Slake Durability.
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Development of a Thickness Design System for Portland Cement Concrete Pavements.
PB85-232577 **24**-*555,950* PC **A03**/MF **A01**

**UKTRP-83-21**

Structural Design and Installation Criteria for Rigid and Flexible Conduit.
PB85-146272 **08**-*517,234* PC **A03**/MF **A01**

**UKTRP-83-23**

Survey of Guardrail End Treatment Usage.
PB85-238855 **24**-*555,976* PC **A05**/MF **A01**

**UKTRP-83-27**

Performance Evaluation of Experimental Paint-Stripe Beads.
PB85-153310 **09**-*519,709* PC **A02**/MF **A01**

**UKTRP-84-11**

Variations of Fatique Due to Unevenly Loaded Axles within Tridem Groups.
PB85-212207 **19**-*543,551* PC **A02**/MF **A01**

**UKTRP-84-31**

Evaluation of Durable Lane Delineation Materials (Interim Report).
PB85-242022 **24**-*555,985* PC **A03**/MF **A01**

**UKTRP-84-32**

Evaluation of Durable Crosswalk and Stopbar Marking Materials (Interim Report).
PB85-243202 **26**-*561,148* PC **A02**/MF **A01**

**ULAP-T-79**

Current Zero SF6 Blast Arc at High di/dt,
PB85-229607 **23**-*552,765* PC **E03**/MF **E03**

**ULAP-T-80**

Current Zero Spectroscopy of a High Power SF6 Circuit Breaker Arc,
PB85-229615 **23**-*554,177* PC **E03**/MF **E03**

**ULAP-T-81**

Comparison of the Thermal Performance of Two Pressure and Puffer Circuit Breakers,
PB85-229599 **23**-*552,764* PC **E03**/MF **E03**

**ULAP-T-82**

Electromagnetic Emission from High Current, Convection Controlled Arcs,
PB85-229581 **23**-*554,176* PC **E03**/MF **E03**

**ULAP-T-83**

Laser Doppler Measurements of Globular Concentrations and Flow Perturbations in a Model Gas Blast Interrupter,
PB85-231371 **24**-*555,481* PC **E03**/MF **E03**

**ULRF-05-2996-2**

Demand-Responsive Decentralized Urban Traffic Control. Part 2. Network Extensions.
PB85-177160 **13**-*529,684* PC **A08**/MF **A01**

**UM-ARO-AFOSR-1**

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AD-A146 490/8 **01**-*502,411* PC **A03**/MF **A01**

**UM-HE-84-1**

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**UM-HSRI-82-7**

Performance Characteristics of the Economic Commission of Europe (ECE) 9-Month-Old Child Test Dummy.
PB85-145779 **08**-*517,229* PC **A06**/MF **A01**

**UM/MEAM-84/22**

SIMULA: Digital Controller Simulation Package.
PB85-134492 **05**-*511,513* PC **A06**/MF **A01**

**UM/MEAM-84/24**

RELTIM: A Library of Routines Used in Real Time Machine Control Applications.
PB85-116507 **04**-*509,137* PC **A04**/MF **A01**

**UM-P-82/42**

Wavelength Dependent Measurement of Extinction in an Extended-Face Crystal of Zinc Selenide.
DE84701960 **01**-*502,633* PC **A03**/MF **A01**

**UM-P-82/93**

Multiquark Colour-Hyperfine Spectra in the Bag Model: A Survey Using the P-Matrix Formalism.
DE84701987 **01**-*502,472* PC **A04**/MF **A01**

**UM-P-83/2**

Neutron Phase Shift in Moving Matter.
DE84701990 **01**-*502,474* PC **A02**/MF **A01**

**UM-P-83/22**

Channeling Contrast Microscopy: Application to Semiconductor Structures.
DE84702538 **01**-*502,359* PC **A02**/MF **A01**

**UM-P-83/48**

Photoneutron Cross Section of sup 34 S.
DE84702556 **01**-*502,519* PC **A02**/MF **A01**

**UM-P-83/51**

Study of the Reaction (Anti p)n Yields pi exp - pi exp - pi + at Centre of Mass Energies Between 1.9 and 2.3 GeV.
DE84702549 **01**-*502,514* PC **A02**/MF **A01**

**UM-P-83/58**

Bose-Fermi U(6/2J + 1) Supersymmetries and High Spin Anomalies.
DE84703115 **08**-*517,932* PC **A02**/MF **A01**

**UM-P-83/59**

Particle-Hole Description of GDR States in Light Nuclei with Closed Shells + - 2 Nucleons.
DE84702552 **15**-*534,844* PC **A03**/MF **A01**

**UM-P-83/61**

Analysis of Antinucleon-Nucleon Annihilations at Rest into Pions.
DE84702546 **01**-*502,511* PC **A03**/MF **A01**

**UM-P-83/63**

Fresh Look at D Yields K pi Decays.
DE84702544 **01**-*502,509* PC **A02**/MF **A01**

**UM-P-83/64**

(e,2e) Spectrum of Argon.
DE84702535 **01**-*501,059* PC **A03**/MF **A01**

**UM-P-83/66**

Analytic Distorted Wave Approximation for Kaon-Nucleus Interactions.
DE84702555 **01**-*502,518* PC **A02**/MF **A01**

**UM-P-83/72**

Alpha Cluster Model and Spectrum of sup 16 O.
DE84702553 **01**-*502,516* PC **A03**/MF **A01**

**UM-P-83/75**

Channel Coupling and Distortion Effects in the Excitation of the 0 sub 2 + State in sup 12 C by alpha Scattering.
DE84702554 **01**-*502,517* PC **A02**/MF **A01**

**UM-P-83/76**

Matter - Its Ultimate Structure.
DE84702543 **08**-*517,857* PC **A02**/MF **A01**

**UM-P-83/78**

Analyses of Electron and Proton Scattering to Low Excitation Isoscalar States in sup 20 Ne, sup 24 Mg and sup 28 Si.
DE84703119 **08**-*517,935* PC **A03**/MF **A01**

**UM-P-83/79**

Photoneutron Cross Sections of sup 121 Sb, sup 123 Sb and Sup(Nat) Sb.
DE84703125 **09**-*520,336* PC **A02**/MF **A01**

**UM-P-84/2**

Highly Excited States of sup 27 Si Populated in the sup 24 Mg( Sup 10 B, sup 7 Li) sup 27 Si Reaction.
DE84702557 **01**-*502,520* PC **A02**/MF **A01**

**UM-P-84/3**

Comment on '(p,n) and (n,p) Reactions as Probes of Isovector Giant Monopole Resonances'.
DE84703120 **08**-*517,936* PC **A02**/MF **A01**

**UM-P-84/21**

Isoscalar Monopole and Dipole Transition Matrix Elements from Inelastic alpha Scattering.
DE85700085 **09**-*520,521* PC **A02**/MF **A01**

**UM-P-84/22**

Spin Rotation Function in a Microscopic Non-Relativistic Optical Model.
DE85700086 **09**-*520,522* PC **A02**/MF **A01**

**UM-P-84/23**

Discrete Ambiguity in the Optical Potential at 400 MeV and Its Resolution by Spin-Rotation Data.
DE85700087 **09**-*520,523* PC **A02**/MF **A01**

**UM-P-84/27**

Proton Inelastic Scattering Cannot Be Predicted from Electron Scattering Results.
DE85700088 **09**-*520,524* PC **A02**/MF **A01**

**UM-P-84/29**

Proton Inelastic Scattering in the Interacting Boson Model: Formalism and Application to the Ge-Isotopes.
DE85700089 **09**-*520,525* PC **A03**/MF **A01**

**UM-P-84/41**

Mechanism for Coherent Production of Pions from the Decay of Resonances.
DE85701002 **22**-*551,574* PC **A02**/MF **A01**

**UM-P-84/47**

Quantitative Microanalysis of Mn, Zn and Other Elements in Mature Wheat Seed.
DE85700354 **17**-*537,523* PC **A04**/MF **A01**

**UM-P-84/49**

Induced Production of Bosons and Its Application to Centauro Events.
DE85700323 **15**-*532,987* PC **A02**/MF **A01**

**UM-P-84/51**

Primordial Deuterium and Neutrino Decays.
DE85701004 **22**-*551,576* PC **A02**/MF **A01**

**UM-P-84/56**

L Subshell X-Ray Production by 100 - 250 KeV/Amu Ions.
DE85700317 **16**-*535,853* PC **A03**/MF **A01**

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Concepts in Marine Pollution Measurements,
PB85-211456 **19**-*542,871* PC **A99**/MF **E03**

**UM-016968-F**

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AD-A148 735/4 **06**-*514,044* PC **A05**/MF **A01**

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Study of Infrared Atmospheric Emission.
AD-A147 517/7 **03**-*505,395* PC **A06**/MF **A01**

**UMASS-ARF-84-004**

SCRIBE Data of October 23, 1983 Flight.
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Reproduction, Possible Self-Fertilization, and Substrate Selection Behavior in a Population of the Introduced Asiatic Clam, 'Corbicula sp.', in Maryland.
PB85-233096 **23**-*552,596* PC **A04**/MF **A01**

**UMD-DMSS-85-4**
Effects of Inspection Errors on Curtailed Dorfman-Type Procedures.
AD-A152 376/0 **14**-*531,921* PC **A02**/MF **A01**

**UMD-DMSS-85-5**
Statistical Effects of Imperfect Inspection Sampling. II. Double Sampling, Link Sampling and Grading.
AD-A152 377/8 **14**-*531,922* PC **A02**/MF **A01**
Modified Repair Strategy for Two-Component Systems with Revealed and Unrevealed Faults.
AD-A156 715/5 **22**-*549,457* PC **A02**/MF **A01**

**UMD-DMSS-85/6**
Estimation by Moments in a Model of Faulty Inspection.
AD-A156 754/4 **22**-*549,460* PC **A02**/MF **A01**

**UMD-DMSS-85/7**
Survey of some Recent Results in Continuous Univariate Distributions.
AD-A157 450/8 **23**-*553,213* PC **A02**/MF **A01**

**UMEDC-82-1**
Agricultural Research System of Pakistan: The Report of the Minnesota Reconnaissance Team,
PB85-141836 **07**-*514,372* PC **A04**/MF **A01**

**UMEE-83R2**
U.S.-Japan Cooperative Research Program: Construction of the Full Scale Reinforced Concrete Test Structure,
PB85-150308 **08**-*517,241* PC **A06**/MF **A01**

**UMEE-83R4**
Nonlinear Analysis of Reinforced Concrete Frame-Shearwall Structures Subjected to Earthquake Motion (User's Guide to DRAIN-2D: EL7 for RC Shearwalls),
PB85-150241 **08**-*517,240* PC **A04**/MF **A01**

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PB85-204873 **18**-*541,179* PC **A03**/MF **A01**

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Preferential Parking Demonstration in Hermosa Beach, California.
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PB85-190841 **16**-*535,642* PC **A06**/MF **A01**

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**UROCHESTER/DC/85/TR-61**

Quantum Model of Dephasing-Enhanced Laser Desorption: Master Equation Approach.

AD-A153 769/5 **16**-*535,826* PC **A02**/MF **A01**

**UROCHESTER/DC/85/TR-62**

Laser-Stimulated Vibrational Excitation of an Adspecies Studied by a Generalized Master Equation: Neutral Atomic Hydrogen on Hydrated KCl(001)

AD-A153 665/5 **16**-*535,821* PC **A03**/MF **A01**

**UROCHESTER/DC/85/TR-63**

One- and Two-Electron Transfer Processes in Ion-Surface Scattering.

AD-A154 208/3 **17**-*537,628* PC **A03**/MF **A01**

**UROCHESTER/DC/85/TR-64**

Memory Effects in Dynamical Many-Body Systems: The Isomnesic (Constant-Memory) Approximation.

AD-A154 160/6 **17**-*537,627* PC **A02**/MF **A01**

**UROCHESTER/DC/85/TR-65**

Spontaneous Emission by Two Atoms with Different Resonance Frequencies Near a Metal Surface.

AD-A154 115/0 **17**-*537,621* PC **A03**/MF **A01**

**UROCHESTER/DC/85/TR-66**

Perturbative Treatment of Quasi-Resonant Proton Neutralization at Alkali-Halide Surfaces.

AD-A154 143/2 **17**-*537,624* PC **A03**/MF **A01**

**UROCHESTER/DC/85/TR-68**

Cooperative Emission by Two Different Atoms into Surface Plasmons.

AD-A157 033/2 **22**-*549,985* PC **A03**/MF **A01**

**UROCHESTER/DC/85/TR-69**

Static Electric Field Effects at the Surface of a Metallic Cluster.

AD-A157 999/4 **24**-*555,230* PC **A02**/MF **A01**

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Specific Recommendations for Improving Network Feedback to Hosts.

AD-A158 768/2 **25**-*558,175* PC **A05**/MF **A01**

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AD-A149 259/4 **08**-*515,743* PC **A06**/MF **A01**

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AD-A151 380/3 **12**-*525,876* PC **A11**/MF **A01**

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AD-A148 676/0 **06**-*512,665* PC **A08**/MF **A01**

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AD-A147 188/7 **02**-*502,786* PC **A03**/MF **A01**

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AD-A155 394/0 **19**-*542,093* PC **A09**/MF **A01**

**USAAEFA-83-20**

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AD-A157 716/2 **24**-*554,570* PC **A04**/MF **A01**

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AD-A155 147/2 **19**-*542,090* PC **A05**/MF **A01**

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AD-A156 263/6 **21**-*547,201* PC **A04**/MF **A01**

**USAAEFA-84-02**

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AD-A148 046/6 **04**-*507,906* PC **A04**/MF **A01**

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Integrated Technology Rotor/Flight Research Rotor (ITR/FRR) Concept Definition Study.

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**USAAVRADCOM-TR-83-A-3**

Integrated Technology Rotor/Flight Research Rotor Hub Concept Definition.

N85-18051/1 **12**-*525,887* PC **A10**/MF **A01**

**USAAVRADCOM-TR-83-A-5**

Integrated Technology Rotor/Flight Research Rotor (ITR/FRR) Concept Definition.

N85-18979/3 **13**-*528,318* PC **A07**/MF **A01**

**USAAVRADCOM-TR-83-A-6**

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N85-18980/1 **13**-*528,319* PC **A05**/MF **A01**

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AD-A146 394/2 **01**-*501,594* PC **A06**/MF **A01**

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N85-18978/5 **13**-*528,317* PC **A05**/MF **A01**

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AD-A145 899/1 **01**-*500,028* PC **A03**/MF **A01**

**USAAVSCOM-TM-84-A-8**

Status and Prospects of Computational Fluid Dynamics for Unsteady Transonic Viscous Flows.

AD-A150 362/2 **10**-*522,938* PC **A03**/MF **A01**

**USAAVSCOM-TM-84-A-10**

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AD-A152 417/2 **14**-*530,738* PC **A02**/MF **A01**

**USAAVSCOM-TM-85-A-1**

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AD-A155 061/5 **18**-*539,684* PC **A02**/MF **A01**

**USAAVSCOM-TM-85-B-1**

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**USAAVSCOM-TM-85-B-2**

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N85-27852/1 **20**-*545,481* PC **A03**/MF **A01**

**USAAVSCOM-TM-85-B-3**

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Parts Requirements and Cost Model (PARCOM) Sensitivity Analysis.

AD-A156 657/9 **22**-*550,878* MF **A01**

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Foreign Military Sales Termination Liability Curve: Applied Random Coefficient Model.

AD-A155 414/6 **19**-*542,305* PC **A04**/MF **A01**

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**USAAVSCOM-TR-84-A-3**

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Comparison of Icing Cloud Instruments for 1982-1983 Icing Season Flight Program.

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**USAAVSCOM-TR-84-C-10**

Summary of Drive-Train Component Technology in Helicopters.

AD-A149 180/2 **08**-*515,740* PC **A02**/MF **A01**

**USAAVSCOM-TR-84-C-11**

Transmission Efficiency Measurements and Correlations with Physical Characteristics of the Lubricant.

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Temperature Distortion Generator for Turboshaft Engine Testing.

N85-15658/6 **10**-*523,187* PC **A03**/MF **A01**

**USAAVSCOM-TR-84-C-16**

Low Cycle Fatigue Behavior of Conventionally Cast MAR-M 200 at 1000 C.

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AD-A150 529/6 **10**-*522,093* PC **A02**/MF **A01**

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AD-A158 816/9 **25**-*557,223* PC **A11**/MF **A01**

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AD-A152 617/7 **14**-*532,568* PC **A03**/MF **A01**

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Piloted Simulation of One-on-One Helicopter Air Combat at Noe Flight Levels.

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Finite-Difference Computations of Rotor Loads.

AD-A155 581/2 **19**-*542,060* PC **A02**/MF **A01**

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**USAFSAM-TR-84-49**
Non-Gold Base Dental Casting Alloys. Volume 1. Alternatives to Type III Gold.
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**USAFSAM-TR-84-50**
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**USAFSAM-TR-84-229**
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AD-A146 808/1 **02**-*503,453* PC **A03**/MF **A01**

**USARIEM-M2/85**
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**USARIEM-M3/84**
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**USARIEM-M3/85**
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AD-A146 851/1 **02**-*503,420* PC **A02**/MF **A01**

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AD-A147 691/0 **04**-*508,477* PC **A02**/MF **A01**

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Heat Exchange during Upper and Lower-Body Exercise.
AD-A148 010/2 **04**-*508,661* PC **A02**/MF **A01**

**USARIEM-M6/85**
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**USARIEM-M-8/85**
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**USARIEM-M-9/85**
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Exercise in the Heat: Effects of Saline or Bicarbonate Infusion.
AD-A146 635/8 **01**-*500,865* PC **A02**/MF **A01**

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Skeletal Muscle Metabolism during Exercise is Influenced by Heat Acclimation,
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**USARIEM-M11-84**
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**USARIEM-M-11/85**
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**USARIEM-M12/84**
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AD-A149 263/6 **08**-*516,309* PC **A02**/MF **A01**

**USARIEM-M-13/85**
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AD-A150 942/1 **11**-*523,893* PC **A02**/MF **A01**

**USARIEM-M-14/85**
Peripheral Changes in Regional Sweating Responses to Exercise in Hypobaric Environments,
AD-A150 757/3 **11**-*523,892* PC **A03**/MF **A01**

**USARIEM-M-15/85**
Exercise-Heat Strain during Hypohydration: Interaction with Heat Acclimation and Aerobic Fitness,
AD-A151 023/9 **11**-*523,895* PC **A03**/MF **A01**

**USARIEM-M-16/85**
Effect of Wearing Chemical Protective Clothing in the Heat on Signal Detection over the Visual Field,
AD-A150 995/9 **11**-*523,630* PC **A02**/MF **A01**

**USARIEM-M-17/85**
Energy Cost of Women Walking and Running in Shoes and Boots,
AD-A151 022/1 **11**-*524,850* PC **A02**/MF **A01**

**USARIEM-M-18/85**
Current Approaches for the Biophysical and Physiological Evaluation of Combat Clothing for Environmental Extremes,
AD-A151 012/2 **11**-*524,849* PC **A02**/MF **A01**

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AD-A153 467/6 **16**-*535,773* PC **A02**/MF **A01**

**USARIEM-M-19/85**
Biophysical Evaluation of the Wet Globe Temperature Index (Botsball) at High Air Movements and Constant Dew Point Temperature,
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Physiological Differences between Men and Women in Exercise-Heat Tolerance and Heat Acclimation,
AD-A152 048/5 **13**-*528,825* PC **A03**/MF **A01**

**USARIEM-M-21/84**
Chronic Low-Sodium Diet in Rats: Responses to Severe Heat Exposure.
AD-A152 128/5 **13**-*528,853* PC **A02**/MF **A01**

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Comparative Anaerobic Power of Males and Females,
AD-A151 960/2 **13**-*528,807* PC **A02**/MF **A01**

**USARIEM-M-22/85**
Environmentally-Controlled Extended-Use Small Animal Hypobaric Chamber,
AD-A153 735/6 **16**-*535,662* PC **A02**/MF **A01**

**USARIEM-M24/85**
Rapid Drinking Devices Constructed from I.V. (Intravenous) Bags and Plastic Squeeze Bottles,
AD-A153 652/3 **16**-*536,312* PC **A02**/MF **A01**

**USARIEM-M-25/85**
Heat Injury: Prevention is the Key,
AD-A153 734/9 **16**-*535,744* PC **A02**/MF **A01**

**USARIEM-M-26/85**
Effect of Spironolactone on Acute Mountain Sickness,
AD-A153 780/2 **16**-*535,748* PC **A02**/MF **A01**

**USARIEM-M27/84**
Influence of Heat Stress an Acclimation on Maximal Aerobic Power.
AD-A155 638/0 **19**-*542,746* PC **A02**/MF **A01**

**USARIEM-M28/85**
Analysis of Aerobic Capacity in a Large United States Population,
AD-A156 200/8 **21**-*547,683* PC **A03**/MF **A01**

**USARIEM-M29/85**
Weight Loss, Rectal Temperature and Heart Rates Following the 1984 Boston Marathron,
AD-A155 984/8 **21**-*547,703* PC **A02**/MF **A01**

**USARIEM-M31/85**
Physiological Effects of Training.
AD-A157 417/7 **23**-*552,377* PC **A03**/MF **A01**

**USARIEM-M-32/85**
Perceptual and Physiological Responses during Exercise in Cool and Cold Water,
AD-A157 334/4 **23**-*552,402* PC **A02**/MF **A01**

**USARIEM-M33/85**
Effect of Spironolactone on the Cardiocirculatory Responses to Upright Tilt at Sea Level and at Simulated High Altitude,
AD-A157 734/5 **24**-*555,157* PC **A02**/MF **A01**

**USARIEM-M-34/85**
Atropinized Heat-Stressed Rat Model: Anticholinergic and Anticholinesterase Drug Potency,
AD-A157 620/6 **23**-*552,372* PC **A02**/MF **A01**

**USARIEM-M36/85**
Circulatory and Thermoregulatory Actions of Hydration during Exercise-Heat Stress,
AD-A158 440/8 **25**-*557,839* PC **A02**/MF **A01**

**USARIEM-M37/85**
Power Spectral Analysis of the Surface Electromyogram during Shivering,
AD-A158 861/5 **25**-*557,786* PC **A02**/MF **A01**

**USARIEM-M38/84**
Effects of Dehydration or Cold Exposure and Restricted Fluid Intake upon Cognitive Performance,
AD-A151 973/5 **13**-*528,645* PC **A02**/MF **A01**

**USARIEM-M38/85**
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Water Resources Data for Georgia, Water Year 1983.
PB85-168748 **12**-*526,789* PC **A17**/MF **A01**

**USGS/WDR/HI-83/01**
Water Resources Data for Hawaii and other Pacific Areas, Water Year 1983. Volume 1. Hawaii.
PB85-125623 **05**-*511,388* PC **A12**/MF **A01**

**USGS/WDR/HI-83/02**
Water Resources Data for Hawaii and other Pacific Areas, Water Year 1983. Volume 2. Guam, Northern Mariana Islands, Federated States of Micronesia, Palau, and American Samoa.
PB85-127769 **05**-*511,397* PC **A09**/MF **A01**

**USGS/WDR/IA-83/1**
Water Resources Data for Iowa, Water Year 1983.
PB85-126019 **05**-*511,389* PC **A14**/MF **A01**

**USGS/WDR/ID-83/1**
Water Resources Data for Idaho, Water Year 1983.
PB85-169555 **12**-*526,793* PC **A23**/MF **A01**

**USGS/WDR/IL-83/1**
Water Resources Data for Illinois, Water Year 1983. Volume 1. Illinois Except Illinois River Basin.
PB85-125755 **04**-*508,966* PC **A20**/MF **A01**

**USGS/WDR/IL-83/2**
Water Resources Data for Illinois, Water Year 1983. Volume 2. Illinois River Basin.
PB85-127363 **05**-*511,393* PC **A17**/MF **A01**

**USGS/WDR/IN-83/1**
Water Resources Data for Indiana, Water Year 1983.
PB85-127355 **05**-*511,392* PC **A14**/MF **A01**

**USGS/WDR/KS-83/1**
Water Resources Data for Kansas, Water Year 1983.
PB85-167740 **12**-*526,783* PC **A21**/MF **A01**

**USGS/WDR/LA-83/1**
Water Resources Data for Louisiana, Water Year 1983. Volume 1. Central and Northern Louisiana.
PB85-127751 **05**-*511,396* PC **A18**/MF **A01**

**USGS/WDR/LA-83-2**
Water Resources Data for Louisiana, Water Year 1983. Volume 2. Southern Louisiana.
PB85-169985 **12**-*526,795* PC **A16**/MF **A01**

**USGS/WDR/MA/RI-83/1**
Water Resources Data for Massachusetts and Rhode Island, Water Year 1983,
PB85-215978 **20**-*545,110* PC **A11**/MF **A01**

**USGS/WDR/ME-84/1**
Water Resources Data for Maine, Water Year 1984.
PB85-240265 **24**-*555,406* PC **A08**/MF **A01**

**USGS/WDR/MI-84/1**
Water Resources Data for Michigan, Water Year 1984.
PB85-237741 **24**-*555,404* PC **A13**/MF **A01**

**USGS/WDR/MO-84/1**
Water Resources Data for Missouri, Water Year 1983.
PB85-168730 **12**-*526,788* PC **A14**/MF **A01**

**USGS/WDR/MT-83/1**
Water Resources Data for Montana, Water Year 1983. Volume 1. Hudson Bay Basin, Missouri River Basin.
PB85-128031 **05**-*511,404* PC **A99**/MF **A01**

**USGS/WDR/MT-83/2**
Water Resources Data for Montana, Water Year 1983. Volume 2. Columbia River Basin.
PB85-128411 **05**-*511,408* PC **A10**/MF **A01**

**USGS/WDR/MT-84/2**
Water Resources Data for Montana, Water Year 1984. Volume 2. Columbia River Basin.
PB85-235984 **23**-*552,689* PC **A09**/MF **A01**

**USGS/WDR/ND-83/1**
Water Resources Data for North Dakota, Water Year 1983.
PB85-236305 **24**-*555,400* PC **A17**/MF **A01**

**USGS/WDR/NE-83/1**
Water Resources Data for Nebraska, Water Year 1983.
PB85-170371 **12**-*526,797* PC **A18**/MF **A01**

**USGS/WDR/NH/VT-83/1**
Water Resources Data for New Hampshire and Vermont, Water Year 1983.
PB85-210938 **19**-*542,944* PC **A08**/MF **A01**

**USGS/WDR/NJ-83/1**
Water Resources Data for New Jersey, Water Year 1983. Volume 1. Atlantic Slope Basins, Hudson River to Cape May.
PB85-127330 **05**-*511,390* PC **A15**/MF **A01**

**USGS/WDR/NJ-83/2**
Water Resources Data for New Jersey, Water Year 1983. Volume 2. Delaware River Basin and Tributaries to Delaware Bay.
PB85-127348 **05**-*511,391* PC **A10**/MF **A01**

**USGS/WDR/NM-83/1**
Water Resources Data for New Mexico, Water Year 1983.
PB85-169902 **12**-*526,794* PC **A23**/MF **A01**

**USGS/WDR/NV-83/1**
Water Resources Data for Nevada, Water Year 1983.
PB85-210953 **19**-*542,946* PC **A15**/MF **A01**

**USGS/WDR/NV-84/1**
Water Resources Data for Nevada, Water Year 1984.
PB85-236313 **24**-*555,401* PC **A12**/MF **A01**

**USGS/WDR/NY-83/1**
Water Resources Data for New York, Water Year 1983. Volume 1. Eastern New York Excluding Long Island.
PB85-127975 **05**-*511,398* PC **A12**/MF **A01**

**USGS/WDR/NY-83/2**
Water Resources Data for New York, Water Year 1983. Volume 2. Long Island.
PB85-127983 **05**-*511,399* PC **A12**/MF **A01**

**USGS/WDR/NY-83/3**
Water Resources Data for New York, Water Year 1983. Volume 3. Western New York.
PB85-127991 **05**-*511,400* PC **A10**/MF **A01**

**USGS/WDR/OH-84/1**
Water Resources Data for Ohio, Water Year 1984. Volume 1. Ohio River Basin.
PB85-233500 **23**-*552,685* PC **A15**/MF **A01**

**USGS/WDR/OH-84/2**
Water Resources Data for Ohio, Water Year 1984. Volume 2. St. Lawrence River Basin, Statewide Project Data,
PB85-230233 **23**-*552,672* PC **A11**/MF **A01**

**USGS/WDR/OK-82/1**
Water Resources Data for Oklahoma, Water Year 1982.
PB85-166668 **12**-*526,780* PC **A15**/MF **A01**

**USGS/WDR/OK-83/1**
Water Resources Data for Oklahoma, Water Year 1983.
PB85-236289 **23**-*552,690* PC **A13**/MF **A01**

**USGS/WDR/OR-83/1**
Water Resources Data for Oregon, Water Year 1983. Volume 1. Eastern Oregon.
PB85-168706 **12**-*526,785* PC **A10**/MF **A01**

**USGS/WDR/OR-83/2**
Water Resources Data for Oregon, Water Year 1983. Volume 2. Western Oregon.
PB85-168714 **12**-*526,786* PC **A19**/MF **A01**

**USGS-WDR/PA-82/2**

Water Resources Data for Pennsylvania, Water Year 1982. Volume 2. Susquehanna and Potomac River Basins.

PB85-126084 **04**-*508,967* PC **A12**/MF **A01**

**USGS/WDR/PA-82/3**

Water Resources Data for Pennsylvania, Water Year 1982. Volume 3. Ohio River and St. Lawrence River Basins.

PB85-126092 **04**-*508,968* PC **A09**

**USGS/WDR/PA-83/1**

Water Resources Data for Pennsylvania, Water Year 1983. Volume 1. Delaware River Basin.

PB85-210920 **19**-*542,943* PC **A12**/MF **A01**

**USGS/WDR/PA-83/2**

Water Resources Data for Pennsylvania, Water Year 1983. Volume 2. Susquehanna and Potomac River Basins.

PB85-128007 **05**-*511,401* PC **A13**/MF **A01**

**USGS/WDR/PA-83/3**

Water Resources Data for Pennsylvania, Water Year 1983. Volume 3. Ohio River and St. Lawrence River Basins.

PB85-128015 **05**-*511,402* PC **A09**/MF **A01**

**USGS/WDR/PA-84-3**

Water Resources Data for Pennsylvania, Water Year 1984. Volume 3. Ohio River and St. Lawrence River Basins.

PB85-239606 **25**-*558,078* PC **A10**/MF **A01**

**USGS/WDR/SC-83/1**

Water Resources Data for South Carolina, Water Year 1983.

PB85-210573 **19**-*542,942* PC **A16**/MF **A01**

**USGS/WDR/SD-83/1**

Water Resources Data for South Dakota, Water Year 1983.

PB85-127850 **06**-*513,373* PC **A13**/MF **A01**

**USGS/WDR/TN-83/1**

Water Resources Data for Tennessee, Water Year 1983.

PB85-127462 **05**-*511,395* PC **A15**/MF **A01**

**USGS/WDR/TN-84/1**

Water Resources Data for Tennessee, Water Year 1984.

PB85-232338 **23**-*552,675* PC **A15**/MF **A01**

**USGS/WDR/UT-83/1**

Water Resources Data for Utah, Water Year 1983.

PB85-128387 **05**-*511,407* PC **A22**/MF **A01**

**USGS/WDR/VA-84/1**

Water Resources Data for Virginia, Water Year 1984.

PB85-242105 **24**-*555,407* PC **A18**/MF **A01**

**USGS/WDR/WA-82/1**

Water Resources Data for Washington, Water Year 1982. Volume 1. Western Washington.

PB85-236826 **23**-*552,691* PC **A14**/MF **A01**

**USGS/WDR/WA-82/2**

Water Resources Data for Washington, Water Year 1982. Volume 2. Eastern Washington.

PB85-236834 **23**-*552,692* PC **A10**/MF **A01**

**USGS/WDR/WI-83/1**

Water Resources Data for Wisconsin, Water Year 1983.

PB85-128379 **05**-*511,406* PC **A16**/MF **A01**

**USGS/WDR/WV-83/1**

Water Resources Data for West Virginia, Water Year 1983.

PB85-128023 **05**-*511,403* PC **A11**/MF **A01**

**USGS/WDR/WY-83/1**

Water Resources Data for Wyoming, Water Year 1983.

PB85-127371 **05**-*511,394* PC **A22**/MF **A01**

**USGS/WRD/HD-82/047**

Water Resources Data for Pennsylvania, Water Year 1982. Volume 2. Susquehanna and Potomac River Basins.

PB85-126084 **04**-*508,967* PC **A12**/MF **A01**

**USGS/WRD/HD-82/051**

Water Resources Data for Pennsylvania, Water Year 1982. Volume 3. Ohio River and St. Lawrence River Basins.

PB85-126092 **04**-*508,968* PC **A09**

**USGS/WRD/HD-83/079**

Water Resources Data for Idaho, Water Year 1983.

PB85-169555 **12**-*526,793* PC **A23**/MF **A01**

**USGS/WRD/HD-84/029**

Water Resources Data for Louisiana, Water Year 1983. Volume 1. Central and Northern Louisiana.

PB85-127751 **05**-*511,396* PC **A18**/MF **A01**

**USGS/WRD/HD-84/031**

Water Resources Data for Arizona, Water Year 1982.

PB85-128361 **05**-*511,405* PC **A20**/MF **A01**

**USGS/WRD/HD-84/032**

Water Resources Data for Montana, Water Year 1983. Volume 2. Columbia River Basin.

PB85-128411 **05**-*511,408* PC **A10**/MF **A01**

**USGS/WRD/HD-84/033**

Water Resources Data for Hawaii and other Pacific Areas, Water Year 1983. Volume 1. Hawaii.

PB85-125623 **05**-*511,388* PC **A12**/MF **A01**

**USGS/WRD/HD-84/034**

Water Resources Data for New York, Water Year 1983. Volume 3. Western New York.

PB85-127991 **05**-*511,400* PC **A10**/MF **A01**

**USGS/WRD/HD-84/035**

Water Resources Data for Colorado, Water Year 1983. Volume 1. Missouri River Basin, Arkansas River Basin, and Rio Grande Basin.

PB85-123859 **04**-*508,961* PC **A17**/MF **A01**

**USGS/WRD/HD-84/036**

Water Resources Data for Colorado, Water Year 1983. Volume 2. Colorado River Basin above Dolores River.

PB85-123867 **04**-*508,962* PC **A14**/MF **A01**

**USGS/WRD/HD-84/37**

Water Resources Data for Colorado, Water Year 1983. Volume 3. Dolores River Basin, Green River Basin, and San Juan River Basin.

PB85-210946 **19**-*542,945* PC **A13**/MF **A01**

**USGS/WRD/HD-84/038**

Water Resources Data for Utah, Water Year 1983.

PB85-128387 **05**-*511,407* PC **A22**/MF **A01**

**USGS/WRD/HD-84/039**

Water Resources Data for Wisconsin, Water Year 1983.

PB85-128379 **05**-*511,406* PC **A16**/MF **A01**

**USGS/WRD/HD-84/042**

Water Resources Data for New York, Water Year 1983. Volume 1. Eastern New York Excluding Long Island.

PB85-127975 **05**-*511,398* PC **A12**/MF **A01**

**USGS/WRD/HD-84/043**

Water Resources Data for Georgia, Water Year 1983.

PB85-168748 **12**-*526,789* PC **A17**/MF **A01**

**USGS/WRD/HD-84/044**

Water Resources Data for Indiana, Water Year 1983.

PB85-127355 **05**-*511,392* PC **A14**/MF **A01**

**USGS/WRD/HD-84/048**

Water Resources Data for Wyoming, Water Year 1983.

PB85-127371 **05**-*511,394* PC **A22**/MF **A01**

**USGS/WRD/HD-84/049**

Water Resources Data for Pennsylvania, Water Year 1983. Volume 3. Ohio River and St. Lawrence River Basins.

PB85-128015 **05**-*511,402* PC **A09**/MF **A01**

**USGS/WRD/HD-84/050**

Water Resources Data for Montana, Water Year 1983. Volume 1. Hudson Bay Basin, Missouri River Basin.

PB85-128031 **05**-*511,404* PC **A99**/MF **A01**

**USGS/WRD/HD-84/051**

Water Resources Data for New York, Water Year 1983. Volume 2. Long Island.

PB85-127983 **05**-*511,399* PC **A12**/MF **A01**

**USGS/WRD/HD-84/052**

Water Resources Data for Iowa, Water Year 1983.

PB85-126019 **05**-*511,389* PC **A14**/MF **A01**

**USGS/WRD/HD-84/053**

Water Resources Data for New Jersey, Water Year 1983. Volume 1. Atlantic Slope Basins, Hudson River to Cape May.

PB85-127330 **05**-*511,390* PC **A15**/MF **A01**

**USGS/WRD/HD-84/054**

Water Resources Data for New Jersey, Water Year 1983. Volume 2. Delaware River Basin and Tributaries to Delaware Bay.

PB85-127348 **05**-*511,391* PC **A10**/MF **A01**

**USGS/WRD/HD-84/056**

Water Resources Data for Tennessee, Water Year 1983.

PB85-127462 **05**-*511,395* PC **A15**/MF **A01**

**USGS/WRD/HD-84/057**

Water Resources Data for Illinois, Water Year 1983. Volume 1. Illinois Except Illinois River Basin.

PB85-125755 **04**-*508,966* PC **A20**/MF **A01**

**USGS/WRD/HD-84/058**

Water Resources Data for Illinois, Water Year 1983. Volume 2. Illinois River Basin.

PB85-127363 **05**-*511,393* PC **A17**/MF **A01**

**USGS/WRD/HD-84/059**

Water Resources Data for Alabama, Water Year 1983.

PB85-123842 **04**-*508,960* PC **A20**/MF **A01**

**USGS/WRD/HD-84/060**

Water Resources Data for Pennsylvania, Water Year 1983. Volume 2. Susquehanna and Potomac River Basins.

PB85-128007 **05**-*511,401* PC **A13**/MF **A01**

**USGS/WRD/HD-84/061**

Water Resources Data for Oklahoma, Water Year 1982.

PB85-166668 **12**-*526,780* PC **A15**/MF **A01**

**USGS/WRD/HD-84/062**

Water Resources Data for Hawaii and other Pacific Areas, Water Year 1983. Volume 2. Guam, Northern Mariana Islands, Federated States of Micronesia, Palau, and American Samoa.

PB85-127769 **05**-*511,397* PC **A09**/MF **A01**

**USGS/WRD/HD-84/063**

Water Resources Data for South Dakota, Water Year 1983.

PB85-127850 **06**-*513,373* PC **A13**/MF **A01**

**USGS/WRD/HD-84/064**

Water Resources Data for West Virginia, Water Year 1983.

PB85-128023 **05**-*511,403* PC **A11**/MF **A01**

**USGS/WRD/HD-84/065**

Water Resources Data for Louisiana, Water Year 1983. Volume 2. Southern Louisiana.

PB85-169985 **12**-*526,795* PC **A16**/MF **A01**

**USGS/WRD/HD-84/068**

Water Resources Data for Kansas, Water Year 1983.

PB85-167740 **12**-*526,783* PC **A21**/MF **A01**

**USGS/WRD/HD-84/069**

Water Resources Data for New Mexico, Water Year 1983.

PB85-169902 **12**-*526,794* PC **A23**/MF **A01**

**USGS/WRD/HD-84/070**

Water Resources Data for Missouri, Water Year 1983.

PB85-168730 **12**-*526,788* PC **A14**/MF **A01**

**USGS/WRD/HD-85/202**

Water Resources Data for Arkansas, Water Year 1983.

PB85-168722 **12**-*526,787* PC **A24**/MF **A01**

**USGS/WRD/HD-85/203**

Water Resources Data for Oregon, Water Year 1983. Volume 1. Eastern Oregon.

PB85-168706 **12**-*526,785* PC **A10**/MF **A01**

**USGS/WRD/HD-85/204**

Water Resources Data for Oregon, Water Year 1983. Volume 2. Western Oregon.

PB85-168714 **12**-*526,786* PC **A19**/MF **A01**

**USGS/WRD/HD-85/205**

Water Resources Data for Nebraska, Water Year 1983.

PB85-170371 **12**-*526,797* PC **A18**/MF **A01**

**USGS/WRD/HD-85/206**

Water Resources Data for Nevada, Water Year 1983.

PB85-210953 **19**-*542,946* PC **A15**/MF **A01**

**USGS/WRD/HD-85/207**

Water Resources Data for Pennsylvania, Water Year 1983. Volume 1. Delaware River Basin.

PB85-210920 **19**-*542,943* PC **A12**/MF **A01**

**USGS/WRD/HD-85/208**

Water Resources Data for South Carolina, Water Year 1983.

PB85-210573 **19**-*542,942* PC **A16**/MF **A01**

**USGS/WRD/HD-85/209**

Water Resources Data for North Dakota, Water Year 1983.

PB85-236305 **24**-*555,400* PC **A17**/MF **A01**

**USGS/WRD/HD-85/210**

Water Resources Data for New Hampshire and Vermont, Water Year 1983.

PB85-210938 **19**-*542,944* PC **A08**/MF **A01**

**USGS/WRD/HD-85/211**

Water Resources Data for Florida, Water Year 1983. Volume 3A. Southwest Florida Surface Water.

PB85-216000 **20**-*545,113* PC **A21**/MF **A01**

**USGS/WRD/HD-85/212**

Water Resources Data for Florida, Water Year 1983. Volume 3B. Southwest Florida Ground Water.

PB85-216018 **20**-*545,114* PC **A16**/MF **A01**

**USGS/WRD/HD-85/213**

Water Resources Data for Massachusetts and Rhode Island, Water Year 1983,

PB85-215978 **20**-*545,110* PC **A11**/MF **A01**

**USGS/WRD/HD-85/214**

Water Resources Data for Minnesota, Water Year 1983. Volume 1. Great Lakes and Souris-Red-Rainy River Basins.

PB85-215986 **20**-*545,111* PC **A10**/MF **A01**

**USGS/WRD/HD-85/215**

Water Resources Data for Minnesota, Water Year 1983. Volume 2. Upper Mississippi and Missouri River Basins.

PB85-215994 **20**-*545,112* PC **A20**/MF **A01**

**USGS/WRD/HD-85/216**

Water Resources Data for Tennessee, Water Year 1984.

PB85-232338 **23**-*552,675* PC **A15**/MF **A01**

**USGS/WRD/HD-85/217**

Water Resources Data for Oklahoma, Water Year 1983.

PB85-236289 **23**-*552,690* PC **A13**/MF **A01**

**USGS/WRD/HD-85/218**

Water Resources Data for California, Water Year 1983. Volume 3. Southern Central Valley Basins and the Great Basin from Walker River to Truckee River.

PB85-232312 **23**-*552,673* PC **A18**/MF **A01**

**USGS/WRD/HD-85/219**

Water Resources Data for California, Water Year 1983. Volume 4. Northern Central Valley Basins and the Great Basin from Honey Lake Basin to Oregon State Line.

PB85-232320 **23**-*552,674* PC **A17**/MF **A01**

**USGS/WRD/HD-85/220**

Water Resources Data for Washington, Water Year 1982. Volume 1. Western Washington.

PB85-236826 **23**-*552,691* PC **A14**/MF **A01**

**USGS/WRD/HD-85/221**

Water Resources Data for Washington, Water Year 1982. Volume 2. Eastern Washington.

PB85-236834 **23**-*552,692* PC **A10**/MF **A01**

**USGS/WRD/HD-85/222**
Water Resources Data for Ohio, Water Year 1984. Volume 1. Ohio River Basin.
PB85-233500 **23**-*552,685* PC **A15**/MF **A01**

**USGS/WRD/HD-85/223**
Water Resources Data for Ohio, Water Year 1984. Volume 2. St. Lawrence River Basin, Statewide Project Data,
PB85-230233 **23**-*552,672* PC **A11**/MF **A01**

**USGS/WRD/HD-85/226**
Water Resources Data for Virginia, Water Year 1984.
PB85-242105 **24**-*555,407* PC **A18**/MF **A01**

**USGS/WRD/HD-85/227**
Water Resources Data for Montana, Water Year 1984. Volume 2. Columbia River Basin.
PB85-235984 **23**-*552,689* PC **A09**/MF **A01**

**USGS/WRD/HD-85/228**
Water Resources Data for Pennsylvania, Water Year 1984. Volume 3. Ohio River and St. Lawrence River Basins.
PB85-239606 **25**-*558,078* PC **A10**/MF **A01**

**USGS/WRD/HD-85/229**
Water Resources Data for Michigan, Water Year 1984.
PB85-237741 **24**-*555,404* PC **A13**/MF **A01**

**USGS/WRD/HD-85/232**
Water Resources Data for Maine, Water Year 1984.
PB85-240265 **24**-*555,406* PC **A08**/MF **A01**

**USGS/WRD/HD-85/233**
Water Resources Data for Nevada, Water Year 1984.
PB85-236313 **24**-*555,401* PC **A12**/MF **A01**

**USGS/WRD/MN-83/1**
Water Resources Data for Minnesota, Water Year 1983. Volume 1. Great Lakes and Souris-Red-Rainy River Basins.
PB85-215986 **20**-*545,111* PC **A10**/MF **A01**

**USGS/WRD/MN-83/2**
Water Resources Data for Minnesota, Water Year 1983. Volume 2. Upper Mississippi and Missouri River Basins.
PB85-215994 **20**-*545,112* PC **A20**/MF **A01**

**USGS/WRD/WRI-82/4119**
Two-Dimensional Finite-Element Model Study of Backwater and Flow Distribution at the I-10 Crossing of the Pearl River Near Slidell, Louisiana.
PB85-211464 **19**-*543,536* PC **A04**

**USGS/WRD/WRI-83/4153**
Water-Quality Assessment of Stormwater Runoff from a Heavily Used Urban Highway Bridge in Miami, Florida.
PB85-183606 **15**-*534,204* PC **A03**/MF **A01**

**USGS/WRI-82-4111**
Geologic and Well-Construction Data for the H-9 Borehole Complex Near the Proposed Waste Isolation Pilot Plant Site, Southeastern New Mexico.
DE85010117 **18**-*541,536* PC **A03**/MF **A01**

**USGS/WRI-82-4118**
Geologic and Well-Construction Data for the H-8 Borehole Complex Near the Proposed Waste Isolation Pilot Plant Site, Southeastern New Mexico.
DE85010116 **18**-*541,535* PC **A04**/MF **A01**

**USGS/WRI-83-4124**
Geologic and Well-Construction Data for the H-10 Borehole Complex Near the Proposed Waste Isolation Pilot Plant Site, Southeastern New Mexico.
DE85009020 **16**-*536,626* PC **A03**/MF **A01**

**USGS/WRI-84-4071**
Description and Hydrogeologic Implications of Cored Sedimentary Material from the 1975 Drilling Program at the Radioactive Waste Management Complex, Idaho.
DE85002168 **08**-*517,513* PC **A03**/MF **A01**

**USGS/WRI-84-4193**
Preliminary Evaluation of Hydrologic Properties of Cores of Unsaturated Tuff, Test Well USW H-1, Yucca Mountain, Nevada.
DE85003099 **09**-*519,998* PC **A03**/MF **A01**

**USGS/WRI-84-4197**
Ground-Water Level Data and Preliminary Potentiometric-Surface Maps, Yucca Mountain and Vicinity, Nye County, Nevada.
DE85001771 **04**-*510,066* PC **A02**/MF **A01**

**USGS/WRI-84-4248**
Geohydrology of Rocks Penetrated by Test Well UE-25P No. 1, Yucca Mountain Area, Nye County, Nevada.
DE85006360 **11**-*525,156* PC **A04**/MF **A01**

**USGS/WRI-84-4253**
Geohydrology of Volcanic Tuff Penetrated by Test Well UE-25B No. 1, Yucca Mountain, Nye County, Nevada.
DE85004341 **09**-*520,027* PC **A03**/MF **A01**

**USGS/WRI-84-4267**
Hydrology of Yucca Mountain and Vicinity, Nevada-California: Investigative Results Through Mid-1983.
DE85005673 **12**-*527,759* PC **A07**/MF **A01**

**USGS/WRI-84-4272**
Geohydrology of Test Well USW H-3, Yucca Mountain, Nye County, Nevada.
DE85009134 **15**-*534,592* PC **A03**/MF **A01**

**USGS/WRI-84-4328**
Preliminary Assessment of Climatic Change During Late Wisconsin Time, Southern Great Basin and Vicinity, Arizona, California, and Nevada.
DE85008343 **13**-*528,443* PC **A04**/MF **A01**

**USGS/WRI-84-4344**
Simulated Effects of Increased Recharge on the Ground-Water Flow System of Yucca Mountain and Vicinity, Nevada-California.
DE85012985 **21**-*547,851* PC **A03**/MF **A01**

**USGS/WRI-84-4345**
Conceptual Hydrologic Model of Flow in the Unsaturated Zone, Yucca Mountain, Nevada.
DE85008346 **18**-*541,523* PC **A04**/MF **A01**

**USGS/WRI-84-4349**
Finite-Element Simulation of Ground-Water Flow in the Vicinity of Yucca Mountain, Nevada-California.
DE85012363 **21**-*548,901* PC **A05**/MF **A01**

**USGS/WRI/84-4369**
SUTRA (Saturated-Unsaturated Transport). A Finite-Element Simulation Model for Saturated-Unsaturated, Fluid-Density-Dependent Ground-Water Flow with Energy Transport or Chemically-Reactive Single-Species Solute Transport.
AD-A156 779/1 **22**-*550,102* PC **A19**/MF **A01**

**USGS/WRIR-83-4217**
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DE84017235 **03**-*507,064* PC **A05**/MF **A01**

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Regional Hydrology of the Blanding-Durango Area, Southern Paradox Basin, Utah and Colorado.
DE84017236 **03**-*505,979* PC **A06**/MF **A01**

**USGS/WRIR-84-4133**
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DE85005203 **10**-*521,848* PC **A04**/MF **A01**

**USGS-474-319**
Lithologic Logs of Selected Exploratory and Emplacement Drill Holes in Areas 9 and 10, Nevada Test Site.
DE85013263 **22**-*551,154* PC **A04**/MF **A01**

**USIP-84-01**
Resolution Enhancement by Fourier Self-Deconvolution.
DE85702239 **26**-*560,688* PC **A03**/MF **A01**

**USIP-84-03**
Three Lectures on Supersymmetry and Supergravity.
DE85701693 **25**-*559,725* PC **A03**/MF **A01**

**USIP-84-12**
Zinc: Biological Effects. Facts and Fiction.
N85-31798/0 **23**-*552,384* PC **A21**/MF **A01**

**USIP-84-14**
Silica Aerogel Detector (SAD) Story.
N85-31485/4 **23**-*553,836* PC **A03**/MF **A01**

**USIP-85-01**
Miroprocessor Based Multiscaling Data Acquisition System for Mossbauer Spectroscopy.
N85-31875/6 **23**-*552,522* PC **A02**/MF **A01**

**USIP-85-02**
Introduction to the Standard Model.
N85-31970/5 **23**-*554,257* PC **A03**/MF **A01**

**USIP-85-03**
Phenomenology of the Standard and Nonstandard Higgs Particles.
N85-31971/3 **23**-*554,258* PC **A02**/MF **A01**

**USIP-85-05**
Systematics of Quark Mass Matrices in the Standard Electroweak Model.
N85-31972/1 **23**-*554,259* PC **A02**/MF **A01**

**USIP-85-06**
Interpretation of 119 Sn Isomer Shifts and 3D 5/2-Core-Level Shifts Based on Dirac-Slater Calculations on a Number of Ionic States.
N85-31973/9 **23**-*554,260* PC **A02**/MF **A01**

**USIP-85-07**
Liquid Nitrogen Cooled Composite Wall Hollow Cathode.
N85-31930/9 **23**-*552,524* PC **A02**/MF **A01**

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AD-A150 085/9 **09**-*518,493* PC **A07**/MF **A01**

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Characteristics of the Class of 1988, Duty-Honor-Country,
AD-A148 320/5 **05**-*510,871* PC **A02**/MF **A01**

**USMA-OIR-85-004**
New Cadets and Other College Freshmen: Class of 1988,
AD-A152 601/1 **14**-*531,130* PC **A03**/MF **A01**

**USMA-TR-84-1**
Early Career Preparation, Experiences, and Commitment of Female and Male West Point Graduates. Volume 1.
AD-A157 204/9 **23**-*552,168* PC **A11**/MF **A01**

**USMA-TR-84-2**
Early Career Preparation, Experiences, and Commitment of Female and Male West Point Graduates. Volume 1.
AD-A157 204/9 **23**-*552,168* PC **A11**/MF **A01**

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Early Career Preparation, Experiences, and Commitment of Female and Male West Point Graduates. Volume 2.
AD-A157 205/6 **23**-*552,169* PC **A08**/MF **A01**

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Early Career Preparation, Experiences, and Commitment of Female and Male West Point Graduates. Volume 2.
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Early Career Preparation, Experiences, and Commitment of Female and Male West Point Graduates. Volume 3.
AD-A157 206/4 **23**-*552,170* PC **A09**/MF **A01**

**USMC-MCO-1510.37**
Individual Training Standards (ITS) System for Data Systems, Occupational Field (OccFld) 40.
AD-A146 823/0 **02**-*503,074* PC **A03**/MF **A01**

**USMC-ROC-INT-1.28**
Required Operational Capability (ROC) Number INT 1.28 for a Small Unit Navigation System.
AD-A152 465/1 **14**-*532,398* PC **A02**/MF **A01**

**USMC-ROC-LOG-1.73**
Required Operational Capability (ROC) Number Log 1.73 for a Marine Corps Automated Test Equipment System (MCATES).
AD-A147 958/3 **04**-*509,898* PC **A02**/MF **A01**

**USMC-ROC-LOG-216.3.2**
Required Operational Capability (ROC) Number LOG 216.3.2 for an Extendable Boom Forklift (EBFL).
AD-A158 626/2 **25**-*558,700* PC **A02**/MF **A01**

**USMC-ROC-MOB-1.13**
Product Improvement of the LVT7A1 Family of Vehicles and the Development of an LVTE7A1 Variant.
AD-A148 116/7 **04**-*510,150* PC **A03**/MF **A01**

**USMC-ROC-TNG-1.04A**
Product Improvement of the Tactical Warfare Simulation, Evaluation and Analysis System (TWSEAS).
AD-A148 115/9 **04**-*509,911* PC **A02**/MF **A01**

**USMC-ROC-TNG-1.06**
Required Operational Capability (ROC) Number TNG-1.06 for a Manual-War-Game-Based Tactical Training System.
AD-A151 681/4 **13**-*529,895* PC **A02**/MF **A01**

**USNA-EW-15-84**
Evaluation of the Kort Nozzle Design for the United States Coast Guard 140 WYTM Cutter,
AD-A147 049/1 **02**-*504,423* PC **A04**/MF **A01**

**USNA-EW-17-84**
Effect of Bow Shape on Deck Wetness in Head Seas.
AD-A146 719/0 **02**-*504,421* PC **A06**/MF **A01**

**USNA-TSPR-128**
Synthesis of Stereoisomeric - Metal Complexes Using Phase-Transfer Catalysis and Photochemical Transforms.
AD-A145 787/8 **01**-*500,944* PC **A05**/MF **A01**

**USNA-TSPR-129**
Effect of Controlled Pressure Changes on the Stimulation of Bioluminescence in Pyrocystis Lunula.
AD-A145 849/6 **01**-*501,135* PC **A05**/MF **A01**

**USNA-TSPR-130**
Variations with Time of the Carbon Dioxide Partial Pressure in Central and South Atlantic Surface Waters.
AD-A145 825/6 **01**-*501,230* PC **A03**/MF **A01**

**USNA-TSPR-131**
Investigation of Dust Associated with Shell Stars.
AD-A158 945/6 **25**-*557,275* PC **A06**/MF **A01**

**USNA-TSPR-132**
Optimization of Bow-Bulb Forms for Resistance and Seakeeping Characteristics.
AD-A158 831/8 **25**-*558,746* PC **A05**/MF **A01**

**USNA-9**
Summary of Research, Academic Departments, 1983-1984.
AD-A151 724/2 **13**-*528,605* PC **A12**/MF **A01**

**UT-MW-N-84-6**
Coplanar Schottky Variable Phase Shifter.
AD-A146 304/1 **01**-*501,366* PC **A05**/MF **A01**

**UT-MW-N-85-1**
Nonreciprocal Wave Propagation in a Hollow Image Guide with a Ferrite Layer.
AD-A158 821/9 **25**-*558,132* PC **A02**/MF **A01**

**UT/PUB-R01-1034-75-001-85**
Enhanced Reuse Potential of Coal Slurry Transport Water: Toxic Organics Assessment and Removal (Phase 2).
PB85-218063 **20**-*547,148* PC **A06**/MF **A01**

Enhanced Reuse Potential of Coal Slurry Transport Water: Toxic Organics Assessment and Removal.
PB85-249035 **26**-*560,444* PC **A06**/MF **A01**

**UT/PUB-R01-2550-29-001-85**
Effects of Acid Precipitation on Composition, Electrokinetic Behavior, Cation Adsorption and Ion Exchange Capacity in Various Soil Systems.
PB85-217727 **20**-*545,181* PC **A05**/MF **A01**

**UT-PUB-R01-2550-29-002-85**
Biological Detoxification of Hazardous Wastes.
PB85-217750 **20**-*545,802* PC **A04**/MF **A01**

**UT/PUB-R01-2550-29-003-84**
Model Code on Planning for and Allocations of Water to Public Water Systems.
PB85-157584 **12**-*527,276* PC **A05**/MF **A01**

**UT/PUB-R01-2550-29-004-85**
Prevention of Gully Formation and Associated Water Degradation in West Tennessee.
PB85-217735 **20**-*545,182* PC **A03**/MF **A01**

**UTC/CSD-2632-FR**
Hot Ball and Socket Thrust Vector Control.
AD-B064 268/6 **10**-*523,199* PC **A08**/MF **A01**

**UTCE-80-06**
Mine Tailings Disposal. II. Hydrologic Evaluation of Disposal Sites.
DE84703023 **02**-*504,712* PC **A03**/MF **A01**

**UTCMSE-84-2**
Titanium Matrix/Continuous Fiber/Continuous Fiber Composite Interface Interactions and Their Influence on Mechanical Properties.
AD-A147 504/5 **03**-*506,404* PC **A09**/MF **A01**

**UTCMSE-85-1**
Microscopic Study of the Influence of Impurities on Interface Bonding.
AD-A151 725/9 **13**-*529,453* PC **A04**/MF **A01**

**UTD-CHEM-8401**
Exciplex Systems for Vapor/Liquid Visualization of Fuel Sprays.
AD-A149 360/0 **08**-*516,380* PC **A04**/MF **A01**

**UTEC-ME-85-014**
Acoustic Propagation in a Thermally Stratified Atmosphere.
N85-27636/8 **19**-*543,975* PC **A11**/MF **A01**

**UTEC-84-027**
Corner Singularity of a 3-D Griffith Crack.
AD-A150 989/2 **11**-*525,583* PC **A03**/MF **A01**

**UTH-LR-420**
Theory of Quasi-Conical Solutions of Noninteger Degree.
N85-31024/1 **23**-*551,891* PC **A03**/MF **A01**

**UTIAS-TN-245**
Approach to the Design of Airfoils with High Lift to Drag Ratios.
PB85-119568 **04**-*507,927* PC **E04**/MF **E01**

**UTIAS-TN-248**
Experimental and Numerical Study of Weak Spherical N-Waves Produced by Exploding Wires.
PB85-119329 **03**-*507,257* PC **E09**/MF **E01**

**UTIAS-TN-249,**
Quantitative Comparison of Active and Passive Damping for Large Space Structures.
N85-22524/1 **15**-*535,298* PC **A05**/MF **A01**

**UTIAS-TN-251**
Numerical Reconstruction of Part of an Actual Blast-Wave Flow Field to Agree with Available Experimental Data.
N85-16061/2 **10**-*522,906* PC **A09**/MF **A01**

**UTIAS-TN-253,**
Pseudo-Stationary Oblique-Shock-Wave Reflections in a Polyatomic Gas, Sulfur Hexafluoride.
N85-21577/0 **14**-*532,588* PC **A09**/MF **A01**

**UTIAS-247**
Interaction between Local and Overall Buckling Modes in Axially Stiffened Cylindrical Shells,
PB85-119550 **03**-*507,742* PC **E08**/MF **E01**

**UTIAS-256**
Plasma Current Multiplier,
PB85-119303 **04**-*510,346* PC **E08**/MF **E01**

**UTIAS-260**
Experimental, Analytical and Numerical Study of Temperatures Near Hemispherical Implosion Foci,
PB85-119691 **03**-*507,771* PC **E12**/MF **E01**

**UTIAS-271**
Fluid-Dynamic Model of a Downburst.
N85-27441/3 **19**-*542,263* PC **A03**/MF **A01**

**UTIAS-273**
Analytical and Numerical Study of the Interaction of Rarefaction Waves with Area Changes in Ducts. Part 2. Area Enlargements.
N85-24242/8 **17**-*539,303* PC **A04**/MF **A01**

**UTIAS-274**
Normal Reflection of a Shock Wave at a Rigid Wall in a Dusty Gas,
PB85-119295 **03**-*507,317* PC **E04**/MF **E01**

**UTIAS-275**
Formation of a Shock Wave in a Dusty Gas by a Moving Piston,
PB85-119402 **03**-*507,318* PC **E04**/MF **E01**

**UTIAS-282,**
Some Individual Differences in Human Response to Infrasound.
N85-21960/8 **14**-*531,163* PC **A04**/MF **A01**

**UTIAS-284**
Critical Conditions for the Automatic Control of Landing from Decision Height in Variable Winds.
N85-14830/2 **09**-*518,332* PC **A13**/MF **A01**

**UTIAS-286**
Study of Crashworthiness of Light Aircraft Fuselage Structures: A Numerical and Experimental Investigation.
N85-14803/9 **09**-*518,338* PC **A09**/MF **A01**

**UTIAS-287**
Damping Models for Flexible Communications Satellites by Substructural Damping Synthesis.
N85-23868/1 **17**-*539,633* PC **A04**/MF **A01**

**UTIAS-288**
Experimental Investigation of Annular Air Curtain Domes.
N85-25543/8 **18**-*541,302* PC **A04**/MF **A01**

**UTK/FMP-4/84**
Weldability of Cr-Mo Steels for Fossil Energy Applications.
DE85016178 **26**-*560,919* PC **A11**/MF **A01**

**UTNL-R-0122**
Report of the Technical Research Committee in Time of Flight Experiments, 1980 and 1981.
DE85780068 **10**-*523,066* PC **A07**/MF **A01**

**UTRC-R83-925312-25**
High-Temperature Optically Activated GaAs Power Switching for Aircraft Digital Electronic Control.
N85-12901/3 **07**-*514,337* PC **A10**/MF **A01**

**UTRC-R84-915540-34**
Turbulent Transport and Length Scale Measurement Experiments with Confined Coaxial Jets.
N85-30245/3 **22**-*551,300* PC **A04**/MF **A01**

**UTRC/R84-922617-1**
Investigation of Plasma Processes in Electronic Transition Lasers.
AD-A149 682/7 **09**-*520,215* PC **A03**/MF **A01**

**UTRC/R84-926533**
Theoretical Studies of Kinetic Mechanisms of Negative Ion Formation in Plasmas.
AD-A150 820/9 **11**-*525,508* PC **A03**/MF **A01**

**UTRC/R84-955388-F**
Laser Diagnostic Analyses of Sooting Flames.
AD-A150 478/6 **10**-*523,130* PC **A03**/MF **A01**

**UTRC-R84-956114-24**
Mechanisms and Reaction Dynamics Related to Methane Combustion.
PB85-129690 **03**-*507,784* PC **A05**/MF **A01**

**UTRC/R84-956545**
Investigation of Fuel Additive Effects on Sooting Flames.
AD-A149 154/7 **08**-*518,203* PC **A02**/MF **A01**

**UTRC/R85-916564-1**
Study of Adherent Oxide Scales.
AD-A155 554/9 **19**-*543,210* PC **A03**/MF **A01**

**UTRC/R85-922617-1**
Investigation of Plasma Processes in Electronic Transition Lasers.
AD-A155 598/6 **19**-*544,021* PC **A07**/MF **A01**

**UTRC/R85-926671**
Research and Development of Subsurface Acoustic Wave Devices for Sensor Applications.
AD-A152 197/0 **13**-*530,295* PC **A04**/MF **A01**

**UTRC/R85-955655**
Resonant CARS Detection of OH Radicals.
AD-A153 842/0 **16**-*535,830* PC **A03**/MF **A01**

**UTRC/R85-956539-1**
Rotational Relaxation Studies of Hydrogen Fluoride.
AD-A152 711/8 **14**-*531,480* PC **A03**/MF **A01**

**UTRCN-G-12**
Report on Progress of Researches by Common Utilization of JAERI (Japan Atomic Energy Research Institute) Nuclear Facilities, for Fiscal 1982.
DE84703311 **13**-*530,256* PC **A17**/MF **A01**

**UTRCN-S-5**
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DE84703301 **13**-*530,064* PC **A03**/MF **A01**

**UTRCN-S-6**
Fiscal 1982 Progress Report of 'Comprehensive Research on the Management of Long-Lived Radioactive Wastes' in the Research Center for Nuclear Science and Technology, University of Tokyo.
DE84703302 **13**-*530,065* PC **A02**/MF **A01**

**UTSI-85-01**
User's Manual for the UTSI MHD/Steam Power Plant Systems Code.
DE85007770 **16**-*536,093* PC **A06**/MF **A01**

**UTTAC-46**
Analyzing Powers for (p,t) Transitions to the First-Excited 2 exp + States of Medium-Mass Nuclei and Nuclear Collective Motions.
DE85700150 **10**-*523,015* PC **A05**/MF **A01**

**UTTAC-47**
Annual Report of the Tandem Accelerator Center, University of Tsukuba, April 1, 1982-March 31, 1983.
DE85700448 **16**-*536,794* PC **A07**/MF **A01**

**UUIM-60**
Complete System for Probing the Detailed Structure of Atmospheric Boundary Layer Flow.
DE82900935 **20**-*544,598* PC **A03**/MF **A01**

**UUIP-1080**
High Dutycycle Low Cost Multichannel Analyser for Electron Spectroscopy.
DE84703016 **03**-*506,799* PC **A02**/MF **A01**

**UUIP-1090**
Versatile Moessbauer Analysis Program.
DE85700871 **20**-*544,972* PC **A05**/MF **A01**

**UUIP-1103**
Treatment of Saturation Effects in Moessbauer Spectroscopy and the Evaluation of Spectra.
DE85700872 **20**-*544,973* PC **A02**/MF **A01**

**UUIP-1115**
Critical Behaviour of sup 19 F Hyperfine Fields in Ni Near the Curie Temperature
DE85700825 **18**-*541,890* PC **A02**/MF **A01**

**UUIP-1116**
Magnetic Vacancies; Simulations and TDPAD Experiments with sup 19 F in Al(X) Fe(1-X).
DE85700826 **18**-*541,891* PC **A02**/MF **A01**

**UUIP-1118**
Hyperfine Fields on sup 19 F in Dy, Gd and Tb.
DE85700828 **18**-*541,892* PC **A02**/MF **A01**

**UUIP-1119**
Hyperfine Field on sup 19 Ne in Fe.
DE85700829 **18**-*541,893* PC **A02**/MF **A01**

**UVA-ER-953-84U**
Unsymmetrical Flow in a Centrifuge.
DE85009021 **17**-*539,189* PC **A02**/MF **A01**

**UVA-ER-961-84U**
User's Guide to LROTOR: a Three-Dimensional Stability Analysis Computer Code.
DE85003343 **08**-*517,446* PC **A05**

**UVA-ER-966-85/U**
Influence of Material Creep on Rotor Dynamics.
DE85008545 **15**-*534,265* PC **A03**/MF **A01**

**UVA-ER-970-85U**
Solution of Onsager's Equation for a Rotating Compressible Fluid in a Multiply-Connected Domain.
DE85007048 **13**-*530,244* PC **A03**/MF **A01**

**UVA/525358/SE85/101**
Development of a Mixed Scanning Interactive System for Decision Support.
AD-A146 895/8 **02**-*503,088* PC **A16**/MF **A01**

**UVA/525393/SE84/103**
Omni Transforms: Applications to Renewal Theory.
AD-A146 939/4 **02**-*504,141* PC **A02**/MF **A01**

**UVA/525393/SE85/106**
Omni-Transform in Single-Channel Queues.
AD-A151 019/7 **11**-*524,566* PC **A02**/MF **A01**

**UVA/525393/SE85/107**
Characterizations of Generalized Hyperexponential Distributions.
AD-A155 855/0 **21**-*548,204* PC **A03**/MF **A01**

**UVA/525393/SE85/108**
TIMS/ORSA (Operations Research Society of America) Special Interest Conference on Applied Probability; Statistical and Computational Problems in Probability Modeling (3rd) Held at Williamsburg, Virginia on 7-9 January 1985.
AD-A153 207/6 **15**-*534,091* PC **A06**/MF **A01**

**UVA/525393/SE85/109**
Comments on Estimating Quantiles for Gaussian Functionals by Simulation.
AD-A154 302/4 **17**-*538,317* PC **A03**/MF **A01**

**UVA/528207-EE85-103**
Investigation of Semiconductor Clad Optical Waveguides.
N85-28785/2 **20**-*546,517* PC **A05**/MF **A01**

**UVA/528209/AM85/106**
Research in Computer Science.
N85-14572/0 **08**-*516,632* PC **A02**/MF **A01**

**UVA/528209-AM85-107**
Research in Computer Science.
N85-28612/8 **20**-*545,212* PC **A02**/MF **A01**

**UVA/529274/CE84/105**
Methodology for the Analysis of Transit Station Impacts.
PB85-175602 **14**-*532,174* PC **A03**/MF **A01**

**UW/BIOENG-84/1**
Tests of the Application of the Radioactive Microsphere Technique to the Measurement of Regional Myocardial Blood Flow,
PB85-142727 **07**-*514,649* PC **A02**/MF **A01**

**UW-1984**
Research, Development and Evaluation of Minimally Invasive Systems for Detection and Quantification of Atherosclerotic Lesions in Coronary Arteries in Humans. First Annual Report.
PB85-153823 **10**-*521,526* PC **A02**/MF **A01**

# 1985 NTIS ORDER/REPORT NUMBER INDEX

**UWA/DME/TR-85/50**
Dynamic Crack Curving and Branching under Biaxial Loading.
AD-A151 451/2 **12**-*528,071* PC **A03**/MF **A01**

**UWA/DME/TR-85/51**
Strain Energy Density Criteria for Dynamic Fracture and Dynamic Crack Branching.
AD-A157 914/3 **24**-*556,968* PC **A02**/MF **A01**

**UWA/DME/TR-85/52**
Analysis of Transient Strains Surrounding Running Cracks in Metal and Plastic Plates.
AD-A158 659/3 **25**-*559,769* PC **A02**/MF **A01**

**UWAERP-3**
Analysis of Impact Fusion Target Dynamics. Progress Report, April 15, 1984-March 4, 1985.
DE85011501 **22**-*550,963* PC **A04**/MF **A01**

**UWFDM-286**
Swelling-Induced Stresses in Ion-Bombarded Surfaces: Effect of Crystalline Orientation.
UWFDM-286 **20**-*545,536* MF **A01**

**UWFDM-577**
Pressure-Gradient-Driven Tokamak Resistive MHD Instability in the Banana-Plateau Collisionality Regime.
DE85004568 **09**-*520,615* PC **A04**/MF **A01**

**UWFDM-587**
Ballooning Instabilities on a Magnetic Separatrix.
DE85010855 **17**-*539,428* PC **A02**/MF **A01**

**-UWFDM---600**
TASKA-M - A Low Cost, Near Term Tandem Mirror Device for Fusion Technology Testing.
DE84752167 **11**-*524,936* PC **A25**/MF **A01**

**UWIS/DC/TR-84/2**
Photoluminescent and Electroluminescent Properties of Cd sub 0.95 Mn sub 0.05 Se Electrodes.
AD-A146 775/2 **02**-*505,084* PC **A02**/MF **A01**

**UWIS/DC/TR-84/3**
Luminescent Properties of Graded Cadmium Sulfoselenide Electrodes Prepared from Cadmium Sulfide Substrates.
AD-A146 710/9 **01**-*501,044* PC **A03**/MF **A01**

**UWIS/DC/TR-85/1**
Photoluminescent Response of Palladium-Cadmium Sulfide and Palladium-Graded Cadmium Sulfoselenide Schottky Diodes to Molecular Hydrogen.
AD-A158 759/1 **25**-*557,944* PC **A02**/MF **A01**

**UWIS/DC/TR-85/2**
Luminescent Properties of Semiconductor Electrodes.
AD-A158 841/7 **25**-*557,952* PC **A07**/MF **A01**

**UWIST-DMEEP/DAG-146**
Observability of Analytically Predicted Modal Behaviour.
PB85-228708 **22**-*551,756* PC **E03**/MF **E03**

**UWIST-DMEEP/DAG-151**
Assessment of Structural Dynamic Reanalysis Techniques Which Use Only Experimental Data.
PB85-228724 **22**-*551,757* PC **E03**/MF **E03**

**UWME-DR-301-101-1-V-1**
Investigation of the Relations Between Neat Resin and Advanced Composite Mechanical Properties. Volume 1: Results.
N85-13911/1 **08**-*516,853* PC **A12**/MF **A01**

**UWME-DR-301-101-1-V-2**
Investigation of the Relations Between Resin and Advanced Composite Mechanical Properties. Volume 2 Appendices.
N85-14880/7 **09**-*519,370* PC **A09**/MF **A01**

**UWME-DR-401-103-1**
Verification and Application of the Iosipescu Shear Test Method.
N85-18376/2 **12**-*527,087* PC **A06**/MF **A01**

**UWME-DR-401-108-1**
Delamination Micromechanics Analysis.
N85-31237/9 **23**-*553,138* PC **A08**/MF **A01**

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**VTH-LR-434**
Investigation of the Pitting Potential of Rapidly Solidified Aluminum-Lithium Alloys.
N85-26986/8 **19**-*543,227* PC **A02**/MF **A01**

**VTH-LR-436-PT-1**
Development of a Computational Model for a Two-Dimensional Turbulent Flow. Part 1. Mathematical Background.
N85-27188/0 **19**-*544,013* PC **A04**/MF **A01**

**VTH-LR-438**
Solid Fuel Combustion Chamber.
N85-26919/9 **19**-*544,333* PC **A02**/MF **A01**

**VTH-LR-439**
Model voor de Verbranding van Polymethyl Methacrylaat in Lucht in een Laminaire Diffusie Vlam ( Model for the Combustion of Polymethyl Methacrylate in Air in a Laminar Diffusion Flame).
N85-29606/9 **21**-*549,185* PC **A10**/MF **A01**

**VTH-LR-441**
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N85-20119/2 **14**-*531,873* PC **A03**/MF **A01**

**VTH-LR-442**
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**VTH-LR-443**
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**VTH-LR-444**
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N85-26920/7 **19**-*544,334* PC **A03**/MF **A01**

**VTI/MEDDELANDE-297**
Foersoek med Befuktat Salt Vintern 1981-82 (Test with Pre-Wetted Salt in the Winter Period 1981-82),
PB85-166684 **12**-*527,289* PC **E04**/MF **E01**

**VTI-MEDDELANDE-299**
Farliga Korsningar pa det Statliga Vaegnaetet: Analys och Atgaerdsfoerslag (Hazardous Junctions in the National Road Network: Analysis and Proposed Measures),
PB85-166445 **12**-*527,449* PC **E06**/MF **E01**

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PB85-166437 **11**-*524,198* PC **E03**/MF **E01**

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PB85-166338 **11**-*524,768* PC **E04**/MF **E01**

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PB85-166312 **12**-*527,448* PC **E04**/MF **E01**

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PB85-166320 **12**-*526,867* PC **E04**/MF **E01**

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PB85-234110 **23**-*553,473* PC **E04**/MF **E01**

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PB85-231751 **23**-*553,520* PC **E05**/MF **E01**

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**VTI-244A**
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Process Optimization by Flowsheet Simulation,
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Method to Analyze the Transient Hygrothermal Behaviour of Building Materials and Components,
PB85-226017 **22**-*550,713* PC **E05**/MF **E01**

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**VTT/RN-331**
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PB85-108819 **01**-*501,907* PC **E04**/MF **E01**

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Measuring Method of Driver's Noise Exposure for Machine Powered Garden Vehicles,
PB85-108801 **01**-*502,007* PC **E04**/MF **E01**

**VTT/RN-345**
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PB85-108264 **01**-*501,121* PC **E05**/MF **E01**

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Wave-Induced Loads and Flow Field in a Vicinity of Large Diameter Fixed Offshore Structures,
PB85-107746 **01**-*501,905* PC **E04**/MF **E01**

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PB85-149953 **08**-*516,563* PC **E05**/MF **E01**

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Automatic Fracture Toughness Testing System at the Technical Research Centre of Finland,
PB85-199859 **17**-*538,733* PC **E04**/MF **E01**

**VTT/RN-415**
STOAV84, Computer Program for an Automatic Gamma Spectrometer for Activation Analysis,
PB85-199826 **18**-*540,361* PC **E04**/MF **E01**

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PB85-226694 **22**-*549,488* PC **E04**/MF **E01**

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Ice Loads Upon a Cylindrical Offshore Structure,
PB85-226686 **22**-*550,796* PC **E06**/MF **E01**

**VTT/RN-437**
Image Analysis in Determining Pore Size Distributions of Concrete,
PB85-226678 **22**-*550,716* PC **E04**/MF **E01**

**VTT/RN-446**
Winter Use of Cars in Finland,
PB85-224954 **22**-*550,734* PC **E04**/MF **E01**

**VTT/RR-285**
Burning Characteristics of Potential Ignition Sources of Room Fires,
PB85-107720 **01**-*501,929* PC **E04**/MF **E01**

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Instrumented Impact Testing Machine with Reduced Specimen Oscillation Effects,
PB85-107704 **02**-*504,495* PC **E04**/MF **E01**

**VTT/RR-291**
Application of Oxygen Consumption Calorimetry to Non-Combustibility Testing,
PB85-149961 **08**-*518,198* PC **E04**/MF **E01**

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Thermal Radiation Hazards from LPG-Fireballs,
PB85-154284 **10**-*523,173* PC **E04**/MF **E01**

**VTT/RR-306**
Zinc-Coated Concrete Reinforcement,
PB85-152924 **09**-*519,708* PC **E05**/MF **E01**

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PB85-151116 **08**-*516,351* PC **E04**/MF **E0**

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Durable Flameproofing of Cellulose Fibrous Materials wit
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PB85-149938 **08**-*516,858* PC **E04**/MF **E0**

**VTT/RR-314**
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PB85-149904 **08**-*516,257* PC **E04**/MF **E0**

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Mechanical Properties of SMA- and SA-Welded Joints f
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Information Presentation in Power Plant Control Rooms,
PB85-198240 **18**-*541,503* PC **E06**/MF **E0**

**VTT/RR-327**
Preservation of Wooden Boards,
PB85-198133 **18**-*540,889* PC **E04**/MF **E**

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Comparison of Automatic Fault Tree Construction w
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**WRRI-94**
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**WRRI-96**
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Geophysical Borehole Logging. Final Disposal of Spent Fuel.
DE84703086 **02**-*504,729* PC **A04**/MF **A01**

**YJT-84-02**

Radiometric, Electrical and Acoustic Geophysical Borehole Studies of the Loviisa Power Plant Site in 1983.
DE84702928 **05**-*512,231* PC **A04**/MF **A01**

**YJT-84-04**

Sorption of Strontium, Cesium, Nickel, Iodine and Carbon in Concrete.
DE84703042 **02**-*504,725* PC **A02**/MF **A01**

**YJT-84-05**

Geochemistry of the Ground Waters of the Bedrock on Haestholmen, Loviisa.
DE84702936 **05**-*511,386* PC **A08**/MF **A01**

**YKC-3086/84**

Application de la Methode DRASC sur Foyer Snecma (Application of the Diffusion Raman Anti-Stokes Coherent (DRASC) Method to a Snecma Combustion Chamber).
N85-31260/1 **23**-*552,521* PC **A03**/MF **A01**

Application de la Methode DRASC sur Foyer SNECMA (Application of DRASC Method on SNECMA Centers).
PB85-172393 **12**-*528,115* PC **E04**/MF **E04**

**YU-2115**

Chemistry of Fuel Deposits and Sediments and Their Predursors.
N85-10209/3 **03**-*507,835* PC **A03**/MF **A01**

**Z-2**

Description of the Langley Wireframe Geometry Standard (LAWGS) Format.
N85-22380/8 **15**-*534,433* PC **A03**/MF **A01**

**Z-4.110.1-84-160-V-1**

Space Station Automation Study-Satellite Servicing. Volume 1. Executive Summary.
N85-29999/8 **22**-*551,863* PC **A03**/MF **A01**

**Z-410.1-84-175-V-2**

Space Station Automation Study-Satellite Servicing, Volume 2.
N85-30000/2 **22**-*551,864* PC **A07**/MF **A01**

**ZFI-MITT-66**

Reports of the Central Institute for Isotopes and Radiation Research.
DE84780538 **09**-*519,926* PC **A05**/MF **A01**

**ZFI-MITT-68**

Reports of the Central Institute for Isotope and Radiation Research.
DE84780516 **09**-*518,950* PC **A04**/MF **A01**

**ZFI-MITT-70**

Radioisotope Application and Radiation Processing in Industry. Selected Papers of the Second Working Meeting at Leipzig.
DE84780089 **03**-*506,967* PC **A16**/MF **A01**

**ZFI-MITT-74**

Elucidation of the Mechanisms of Chemical Reactions by Pulse Radiolysis. Procedure, Examples and Application.
DE84702330 **02**-*503,576* PC **A07**/MF **A01**

**ZFI-MITT-75**

Calculation of Reduced Partition Function Ratios of Isotopically Substituted Molecules on a Quantum Chemical Base. Possibilities and Limitations of the Evaluation of Isotope Effects by Means of the Semiempirical MINDO/3- and MNDO-MO Methods.
DE84702325 **02**-*503,575* PC **A09**/MF **A01**

**ZFI-MITT-77**

Sup 15 N Symposium 1983.
DE85780083 **10**-*521,494* PC **A14**/MF **A01**

**ZFI-MITT-80**

Workshop on Isotopes in Nature (3rd). Volume 1. Synopses and Poster Presentations.
DE85780084 **10**-*522,731* PC **A08**/MF **A01**

**ZFI-MITT-82**

Reports of the Central Institute for Isotopes and Radiation Research.
DE85780872 **19**-*543,823* PC **A09**/MF **A01**

**ZFI-MITT-86**

Reports of the Central Institute for Isotopes and Radiation Research.
DE85780871 **18**-*541,810* PC **A05**/MF **A01**

**ZFI-MITT-88**

In Vivo exp 15 N Tracer Methods for Evaluation of Protein Metabolism in Clinical Research and Practice.
DE85780406 **15**-*533,207* PC **A06**/MF **A01**

**ZFI-MITT-90**

1983 Publications of the Central Institute for Isotope and Radiation Research.
DE85700613 **19**-*543,821* PC **A16**/MF **A01**

**ZFK-503**

Joint Annual Report 1982 (for German Democratic Republic Institutions).
DE84701641 **01**-*502,470* PC **A09**/MF **A01**

**ZFK-505**

Spectra of Radioactive Nuclides Radiation, Measured with Semiconductor Detectors. 2.
DE84702150 **01**-*502,479* PC **A13**/MF **A01**

**ZFK-507**

Calculation of Control Rod Oscillations in a Hexagonal Flow Channel by Means of the Non-Stationary Pressure Distribution around the Rods.
DE84702363 **03**-*506,974* PC **A02**/MF **A01**

**ZFK-508**

Nuclear Structure Investigations with Inclusion of Continuum States.
DE84702303 **03**-*507,507* PC **A03**/MF **A01**

**ZFK-510**

Annual Report 1982. Nuclear Fuel Research Department (Central Institute for Nuclear Research, Rossendorf bie Dresden, German Democratic Republic).
DE84702579 **02**-*504,812* PC **A08**/MF **A01**

**ZFK-511**

System of Programs for Multiparameter Measurements at the TPAi Computer.
DE84702402 **03**-*507,528* PC **A02**/MF **A01**

**ZFK-512**

Unified Description of Direct and Resonant Excitations of the Nucleus sup 40 Ca by Medium-Energy Projectiles.
DE84702321 **03**-*507,524* PC **A03**/MF **A01**

**ZFK-514**

NIDAC - An on-Line Program for Measurement and Anlysis of gamma-Ray Emitting Samples for Environmental Surveillance.
DE84703143 **08**-*517,575* PC **A02**/MF **A01**

**ZFK-516**

State and Development of Ion Sources for Accelerators.
DE84703147 **05**-*512,472* PC **A03**/MF **A01**

**ZFK-517**

Representation of Nuclear Reactor Information by Means of Colour CRT Display - a Contribution to Man-Machine Communication.
DE85780212 **10**-*522,825* PC **A02**/MF **A01**

**ZFK-519**

CMEA Specialists' Seminar on Control and Measurement Devices and Systems for Fast Reactors.
DE85780210 **10**-*522,824* PC **A17**/MF **A01**

**ZFK-520**

Missing Spectroscopic Strength and Microscopic Calculations of the Background Below Giant Resonances.
DE85700183 **09**-*520,559* PC **A02**/MF **A01**

**ZFK-521**

Development of Destructive Methods of Burn-Up Determination and Their Application on WWER Type Nuclear Fuels. Joint Final Report.
DE85700185 **10**-*522,872* PC **A04**/MF **A01**

**ZFK-522**

Performance Analysis of VVER-Type Fuel Rods with the STOFFEL-1 Computer Code.
DE84703155 **05**-*512,303* PC **A02**/MF **A01**

**ZFK-523**

Method for the Measurement of Fission Rates in Fast Neutron Fields Using Solid State Track Detectors.
DE85780457 **16**-*536,579* PC **A02**/MF **A01**

**ZFK-525**

Display-Monitor for an Expert Opinion of Disturbing Processes in the Field of Noise Diagnostics.
DE85780453 **17**-*539,118* PC **A02**/MF **A01**

**ZFK-526**

Nonconventional Heat Treatment Techniques to the Modification of Electrical and Structural Properties of Silicon.
DE85700305 **15**-*534,741* PC **A05**/MF **A01**

**ZFK-527**

Adsorption of Metals on Metal Surfaces and the Possibilities of Its Application in Nuclear Chemistry. Calculation of Adsorption Enthalpies with the Program AMO.
DE85701034 **22**-*550,016* PC **A02**/MF **A01**

**ZFK-528**

Target Mass Number Dependence of Cluster Excitation in Hadron-Nucleus Collisions.
DE85700575 **18**-*541,793* PC **A02**/MF **A01**

**ZFK-529**

Detection of a Random Sequence of Bursts Masked by Noise Signals for Leak Detection in Sodium-Heated Steam Generators.
DE85701078 **24**-*556,494* PC **A03**/MF **A01**

**ZFK-530**

Joint Annual Report 1983. (Nuclear Physics Research at ZFK Rossendorf and Other GDR (German Democratic Republic) Institutions).
DE85701689 **25**-*559,560* PC **A09**/MF **A01**

**ZFK-531**

MCANG - A Group Data Library of Cumulative Angular Distributions of Elastically Scattered Neutrons for Monte Carlo Calculations.
DE85701015 **23**-*553,887* PC **A02**/MF **A01**

**ZFK-533**

CAMAC - Supported Electronic Set-Up for the Determination of the Capture Cross Section of the Reaction sup 1 H(n,d) gamma.
DE85701103 **24**-*556,304* PC **A02**/MF **A01**

**ZFK-541**

Fault Diagnosis and Performance Monitoring for Pumps by Means of Vibration Measurement and Pattern Recognition.
DE85701880 **25**-*558,751* PC **A02**/MF **A01**

# 1985 NTIS ORDER/REPORT NUMBER INDEX

**ZJE-259**

Contribution to the Theory of Polarization Resistance Method for Corrosion Testing of Metals.
DE85780201 **10**-*522,127* PC **A02**/MF **A01**

**ZJE-261**

Microcomputer-Controlled Flow Meter Used on a Water Loop.
DE84703082 **04**-*509,843* PC **A02**/MF **A01**

**ZJE-264**

Use of Cluster Analysis Method for the Localization of Acoustic Emission Sources Detected During the Hydrotest of PWR Pressure Vessels.
DE84703077 **03**-*507,032* PC **A02**/MF **A01**

**ZJE-265**

VVER Vibration Monitoring. Theoretical Analysis of Some Typical Deviations.
DE84702992 **03**-*507,029* PC **A03**/MF **A01**

**ZJE-266**

Set of Programs for Determining Exposure and Dose Rates from Selected Sources of Gamma Radiation.
DE85780207 **10**-*521,635* PC **A05**/MF **A01**

**ZJE-267**

Role of Man in Ensuring the Safety of Nuclear Devices.
DE85780213 **10**-*522,826* PC **A03**/MF **A01**

**ZW-8408**

Flat Solutions of Meromorphic Linear Difference Equations,
PB85-134112 **05**-*511,768* PC **E03**/MF **E01**

**ZW-8409**

Dimension Formulas Related to a Tame Quiver,
PB85-132132 **05**-*511,759* PC **E03**/MF **E01**

**ZW-8411**

Algorithmic Orbit Classification for Connected Solvable Groups,
PB85-132157 **05**-*511,760* PC **E04**/MF **E01**

**ZW-8413**

Invariant Symmetric Non-Selfadjoint Differential Operator,
PB85-134138 **05**-*511,769* PC **E03**/MF **E01**

**ZW-8414**

Note on the Differenciability of Centre Manifolds,
PB85-159705 **11**-*524,558* PC **E03**/MF **E01**

**ZW-8415**

Numerical Determination of the Dimension of an Attractor,
PB85-159713 **11**-*524,559* PC **E03**/MF **E01**

**ZW-8417**

Automorphisms of Complete Local Rings Having a Logarithm,
PB85-201432 **18**-*540,930* PC **E03**/MF **E01**

**ZW-8501**

Quasi-Periodic Hopf Bifurcation,
PB85-236628 **24**-*555,877* PC **E04**/MF **E01**

**ZZZ-222**

Energetic Utilization of Sludges and Wastes.
DE85750696 **14**-*532,809* PC **A09**/MF **A01**

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